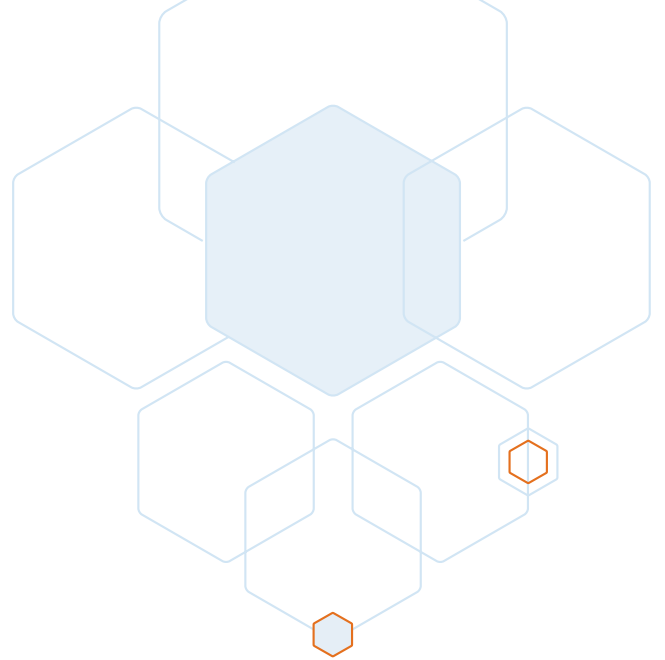




AUSTRALIAN
MONITOR
INTEGRATION INTELLIGENCE

JULY 2021



COMMERCIAL & PROFESSIONAL AUDIO SOLUTIONS



BAR



OFFICE



CAFE



SCHOOL



CORPORATE



RESTAURANT

amplifiers • speakers • paging solutions • microphones • cables • accessories • more ...



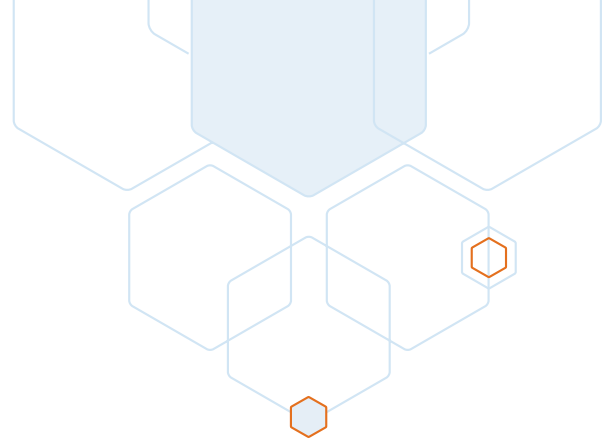
WHY BUY AUSTRALIAN MONITOR

It's been thirty years since a small, passionate team of AV specialists invested their own energy and money to pioneer the iconic Australian Monitor brand. Today, we have grown into a global leader, known for innovative, cost-effective AV products, that keep Australians entertained and informed in homes, schools, restaurants and theatres.

The innovation and passion that first ignited the brand is still alive today and is represented by Australian Monitor's engagement with the AV sector. Embedded in the industry, the team have a deep understanding of the requirements you and your end users demand. These insights influence their product development and service offerings to meet the most complex requirements, and to ensure you continue to trust their passion, product reliability and value for money solutions.

Australian Monitor is engineered in Australia by our team of in-house engineers and distributed worldwide through a network of key partners.






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WHATS NEW

PICOBLU



The Australian Monitor PICOBLU® is a new addition to our range of mixer amplifiers. It is designed to be the ideal solution for **retail** and **café** style installations. Featuring 30 watts of high or low impedance output, **Bluetooth®** as well as one balanced microphone and two unbalanced RCA inputs, its small half-rack width form factor makes it the ideal solution for under counter or concealed installations.



IS SERIES



The ISP Series is Australian Monitor's premium offering of network controllable Class-D power amplifiers, delivering high quality audio reinforcement with the power you need in the following options:

- Dual channel 120W or 250W
- Quad channel 120W or 250W

They are packed with features including **ethernet** control, embedded web browser user interface, DSP, ErP Standby Compliant and Dante® support via an expansion module.



ES SERIES

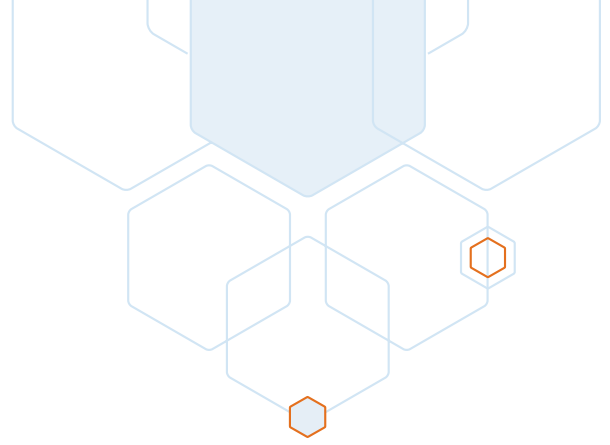


The Australian Monitor ES Series of mixer and power amplifiers is the latest evolution of our Essentials Series of Amplifiers. The mixer amplifiers now feature 2 channels of priority VOX muting, integrated tone generator (120/250 models) and a modern look and finish.

The ES mixer amplifiers maintain the core features you expect including four XLR mic/dual RCA line inputs, record and line outputs, low impedance or constant voltage outputs and 12V phantom power.

The ES power amplifiers come in single, dual or quad channel versions and included XLR input and pass-through as well as low impedance or constant voltage outputs.





MIXER AMPLIFIERS

ENTRY LEVEL HIGH/LOW IMP.		MID LEVEL HIGH/LOW IMP.		PREMIUM LEVEL HIGH/LOW IMP.	
PICOBLU®	1 x 30 watts - 3 inputs	HS60	1 x 60 watts - 9 inputs	AMD200	1 x 200 watts - 12 inputs
ES60	1 x 60 watts - 4 inputs	HS120	1 x 120 watts - 9 inputs		
ES120	1 x 120 watts - 4 inputs	HS250	1 x 250 watts - 9 inputs		
ES250	1 x 250 watts - 4 inputs				

POWER AMPLIFIERS

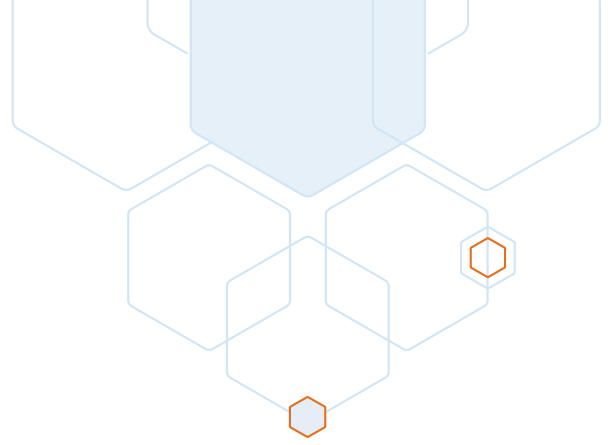
ENTRY LEVEL HIGH/LOW IMP.		LOW IMP. DUAL CHANNEL		MULTI CHANNEL HIGH/LOW IMP. USB/RS232 CONTROLLED	
ES120P	1 x 120 watts	AMB600	2 x 300 watts 4/8Ω	HS120P	1 x 120 watts
ES250P	1 x 250 watts	AMB1200	2 x 600 watts 4/8Ω	HS250P	1 x 250 watts
ES480P	4 x 80 watts	AMB1600	2 x 800 watts 4/8Ω	HS2120P	2 x 120 watts
ES2120P	2 x 120 watts			HS2250P	2 x 250 watts
ES500P	1 x 500 watts			HS4120P	4 x 120 watts
				HS4250P	4 x 250 watts
HIGH POWER HIGH IMP.		CONVECTION COOLED		ETHERNET CONTROLLED	
SY400V	2 x 200 watts 100V	AV2-2P	2 x 200 watts 4/8Ω	IS2120P	2 x 120 watts
SY800V	2 x 400 watts 100V	AV2-4P	2 x 400 watts 4/8Ω	IS2250P	2 x 250 watts
				IS4120P	4 x 120 watts
				IS4250P	4 x 250 watts

CEILING SPEAKERS

EVAC HIGH IMP.		QF SERIES COAXIAL HIGH IMP.		QF SERIES PREMIUM HIGH/LOW IMP.	
ATC5101-6	4 in twin cone 5 watts	QFC5CS	5 in coaxial 10 watts	QF20CS	4 in 2-way 20 watts
ATC5010-6	8 in twin cone 5 watts	QFC6CS	6 in coaxial 20 watts	QF60CS	6.5 in 2-way 60 watts
		QFC8CS	8 in coaxial 30 watts	QF80CS	8 in 2-way 80 watts
QF SERIES DUAL CONE HIGH IMP.					
QF5CS	5 in twin cone 6 watts				
QF6CS	6 in twin cone 10 watts				
QF6WRC	6 in 12 watts, IP55 rated				
QF8CS	8 in twin cone 15 watts				
QF8CSB	QF8CS black version				

CABINET SPEAKERS

AMPAV SERIES POWERED		XRS SERIES STANDARD LOW IMP.		XDS SERIES STANDARD LOW IMP.	
AMPAV30 (B/W)	5 in 3-way 15 watts	XRS8B	8 in 2-way 100 watts	XDS8	8 in 2-way 100 watts
AMPAV40 (B/W)	5 in 3-way 20 watts	XRS10B	10 in 2-way 250 watts	XDS10	10 in 2-way 250 watts
		XRS12B	12 in 2-way 300 watts	XDS12	12 in 2-way 300 watts
FLEX SERIES HIGH/LOW IMP.		XRS SERIES W/RES HIGH/LOW IMP.			
FLEX15 (B/W)	4 in 2-way 15 watts	XRS60DVB	6 in 2-way 60/80 watts		
FLEX30 (B/W)	5.25 in 2-way 30 watts	XRS80DVB	8 in 2-way 75/100 watts		
FLEX50 (B/W)	6.5 in 2-way 50 watts	XRS100DVB	10 in 2-way 150/250 watts		
		XRS120DVB	12 in 2-way 300/300 watts		
		XRS SERIES POWERED			
		XRS8P	8 in 2-way 100 watts		
		XRS10P	10 in 2-way 250 watts		
		XRS12P	12 in 2-way 300 watts		




MIXER SELECTION GUIDE

	ESMIX	MX61	MX82	MX883 ⁶	HSMIX
INPUTS					
Total Qty	4	6	8	8 ⁶	9
Stereo line	X	X	4	8	6
Mono mic/line	4	6	4	8	6
Bluetooth	X	X	X	X	1
SD Card	X	X	X	X	1
3.5 mm jack	X	X	X	X	1
OUTPUTS					
Mono Line	√	√	X	X	√
Stereo	X	X	√	√	√
Direct Channel Out	X	X	√(chs 1-4 only)	√	X
Record	√	√	√	√	√
Headphone	X	√	√	X	X
Auxillary	X	X	X	√	X
Bus Selection	X	X	X	√	X
PRIORITY MUTING					
Included	√	X	X	X	√
Via Module (See note)	NA	AMMUTE1 ¹ or AMMUTE3 ²	2 x AMMUTE1 ¹ or 2 x AMMUTE3 ²	2 x AMMUTE1 ¹ or 2 x AMMUTE3 ²	NA
PHANTOM POWER					
Global	√	X	X	X	X
Individual	X	√	√(chs 1-4 only)	√	√
TONE CONTROL					
Treble	√	√	√	√	√
Mid	X	√	X	X	√
Bass	√	√	√	√	√
Parametric EQ	X	X	X	√	X
EVAC/ALERT TONES					
Included	√	X	X	X	√
Via Module	X	AMTONE1 ³	AMTONE1 ³	AMTONE1 ³	X
VCA VOLUME CONTROL					
Included	X	X	X	X	√
Via Module	X	AMVCA ⁴	2 x AMVCA ⁴	2 x AMVCA ⁴	X
POWER REQUIREMENT					
24 VDC	√	√	√	X	X
240 VAC	X	√	√	√	√
DIMENSIONS					
Height	1RU	1RU	1RU	2RU	1RU
Weight	2.5kg	2.75kg	2.8kg	4.0kg	2.4kg

NOTES

1. AMMUTE1 Single stage priority mute module suits the MX61, MX82 and MX883 - MX82 and MX883 require two units
2. AMMUTE3 Two stage mute module provides input 1 over inputs two and three and input two over input three. Suits the MX61, MX82 and MX883 - MX82 and MX883 require two units
3. AMTONE1 Tone module. Includes bell, pre-announce, alert & Evac. Suits the MX61, MX82 and MX883
4. AMVCA VCA module. Suits the MX61, MX82 and MX883 - MX82 and MX883 require two units
6. MX883 A second MX883 can be connected as a slave unit
7. HSMIX Midrange tone control on master only

MIXER AMPLIFIER SELECTION GUIDE

	PICOBLU® 30 watts	ES60 60 watts	ES120 120 watts	ES250 250 watts	HS60 60 watts	HS120 120 watts	HS250 250 watts
INPUT							
Mic/Line	1 Mic/Line, 2 Line	4	4	4	9	9	9
Phantom Power	X	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
Input Gain Defeat	X	X	X	X	√	√	√
Bluetooth®	√	X	X	X	√	√	√
MP3/SDCard	X	X	X	X	√	√	√
3.5mm jack	√	X	X	X	√	√	√
OUTPUT							
100 volt line	√	√	√	√	√	√	√
70 volt line	X	X	X	X	√	√	√
low impedance	√(4Ω)	√(4Ω)	√(4Ω)	√(4Ω)	√(4Ω & 8Ω)	√(4Ω & 8Ω)	√(4Ω & 8Ω)
Rec Output	X	√	√	√	√	√	√
Line output	√	√	√	√	√	√	√
PRIORITY MUTING							
Included	√(contact closure)	√	√	√	√	√	√
Channels	1	2	2	2	3 ¹	1, 2 and 3 ¹	1, 2 and 3 ¹
EQ (TONE CONTROL)							
Bass	√	√	√	√	√	√	√
Mid	X	X	X	X	√ ²	√ ²	√ ²
Treble	√	√	√	√	√	√	√
EVAC/ALERT TONES							
Included	X	X	√	√	√ ³	√ ³	√ ³
Customisable	X	X	X	X	√ ³	√ ³	√ ³
VCA VOLUME CONTROL							
Included	X	X	X	X	√	√	√
Via Module	X	X	X	X	X	X	X
POWER							
12 VDC	X	X	X	X	X	X	X
24 VDC	X	X	X	X	X	X	X
240 VAC	√	√	√	√	√	√	√
DIMENSIONS							
Height	1RU	1RU	2RU	2RU	1 RU	1 RU	1 RU
Weight	3.2 kg	8.5 kg	10.5 kg	11.5 kg	4.9 kg	5.3 kg	6.8 kg

NOTES

1. HS Priority Priority control on CH1-3 with level and release time control
2. HS EQ Mid range control on master volume only
3. HS Tones 5 default tones built in and 11 user customisable tones via SD card



POWER AMPLIFIER SELECTION GUIDE

	INPUT			OUTPUT				CONTROL					OTHER
	Bal XLR	Bal Phoenix	Dante®	Channels	Watts	High-Z	Low-Z	Ethernet	DSP	GPIO	USB	RS232	Fanless
ES120P	√	X	X	1	120	√	√	X	X	X	X	X	X
ES250P	√	X	X	1	250	√	√	X	X	X	X	X	X
ES500P	√	X	X	1	500	√	√	X	X	X	X	X	X
ES2120P	√	X	X	2	120	√	√	X	X	X	X	X	X
ES480P	√	X	X	4	80	√	√	X	X	X	X	X	X
HS120P	X	√	X	1	120	√	√	X	√mini	√	√	√	√
HS250P	X	√	X	1	250	√	√	X	√mini	√	√	√	X
HS2120P	X	√	X	2	120	√	√	X	√mini	√	√	√	X
HS2250P	X	√	X	2	250	√	√	X	√mini	√	√	√	X
HS4120P	X	√	X	4	120	√	√	X	√mini	√	√	√	X
HS4250P	X	√	X	4	250	√	√	X	√mini	√	√	√	X
IS2120P	X	√	√option	2 ¹	120	√	√	√	√full	√	X	X	X
IS2250P	X	√	√option	2 ²	250	√	√	√	√full	√	X	X	X
IS4120P	X	√	√option	4	120	√	√	√	√full	√	X	X	X
IS4250P	X	√	√option	4	250	√	√	√	√full	√	X	X	X
SY400V	√	X	X	2	200	√	X	X	X	X	X	X	X
SY800V	√	X	X	2	400	√	X	X	X	X	X	X	X
AV2.2P	√	X	X	2	100	X	√	X	X	X	X	X	√
AV2.4P	√	X	X	2	200	X	√	X	X	X	X	X	√
AMB600	√	X	X	2	300	X	√	X	X	X	X	X	X
AMB1200	√	X	X	2	600	X	√	X	X	X	X	X	X
AMB1600	√	X	X	2	800	X	√	X	X	X	X	X	X

NOTES

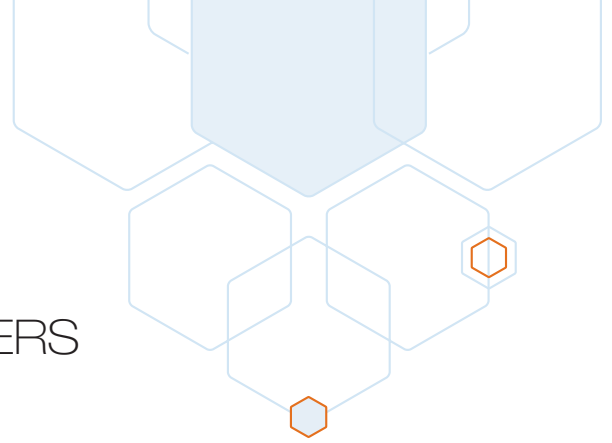
1. Expandable to 6 inputs using ANALOGUE4 or DM4x4 expansion cards
2. Expandable to 8 inputs using ANALOGUE4 or DM4x4 expansion cards

30+ years of service to the audio industry



It's been 30 years since a small, passionate team of audio specialists invested their energy and money to pioneer the iconic Australian Monitor brand. We have grown into a global leader, known for innovative, cost-effective AV products, that keep Australians entertained and informed in their homes, schools, restaurants and theatres.

The innovation and passion that first ignited the brand is still alive today. Our team have a deep understanding of the AV sector and this guides the development of our product range – from every cable to every amplifier – we are working to ensure you can continue to trust the Australian Monitor brand, in your next application and beyond...



100 VOLT LINE MIXER AMPLIFIERS

PICOBLU®



- 30W Mixer Amplifier
- 3.5mm Front Jack/RCA line level
- Line Output
- 3 Channel Mixer
- Bluetooth/RCA line level
- External mute contact closure



- XLR Microphone Input/RCA line level
- 100V and 4Ω outputs
- Optional rack mount brackets. Rack and under counter mountable

PICOBLU®	Mixer Amplifier. 30W. 3 inputs. 100V & 4Ω outputs.
PICO-RMK	Rack mount kit for PICOBLU
PICO-DMK	Desk mount kit for PICOBLU

ES MIXER AMPLIFIERS



- 4 XLR Microphone/Dual RCA Line Inputs
- 12VDC Phantom power
- Line Output
- 1RU for ES60, 2RU for ES120 and ES250
- 100V and 4Ω outputs
- Bass and Treble Tone Controls
- Rack mount size



- 2 channel priority muting (VOX)
- Record Output
- 5 Tone Generator with volume control (ES120 and ES250)

ES60	Mixer Amplifier. 60W. 4 x dual balanced mic/line inputs. 100V & 4Ω outputs.
ES120	Mixer Amplifier. 120W. 4 x dual balanced mic/line inputs. 100V & 4Ω outputs. Includes Tone Generator
ES250	Mixer Amplifier. 250W. 4 x dual balanced mic/line inputs. 100V & 4Ω outputs. Includes Tone Generator.

HS SERIES MIXER AMPLIFIERS



- 60, 120 or 250 watt Class D amplifier stage. 4Ω / 70V and 100V outputs.
- 9 audio input channels. 6 rear mic/line & front, 3.5mm line, Bluetooth and MP3. 12 VDC phantom power
- Individual gain/equalisation control on all external audio inputs
- Priority mute control on channels 1-3, with level and time release control
- Magnetic cover for customer concealed eq and gain controls
- Embedded tone generator for evac/alert/intruder/chime/bell plus 11 fully customisable user tones



- Embedded MP3 player via onboard SD card socket supporting random, sequenced and single playback
- Voltage controlled input attenuation (VCA)
- Bluetooth® 3.0+EDR audio receiver supporting advanced audio distribution profile (A2DP)
- Tamper-proof channel attenuation by disabling external volume controls
- Signal, Status, Clip Protection indicators
- Clip/Thermal/Short and Under/Over voltage protection

HS60	60 watt class D mixer amplifier, 9 inputs, 100V, 70V & 4Ω outputs.
HS120	120 watt class D mixer amplifier, 9 inputs, 100V, 70V & 4Ω outputs.
HS250	250 watt class D mixer amplifier, 9 inputs, 100V, 70V & 4Ω outputs.

AMD SERIES MIXER AMPLIFIERS

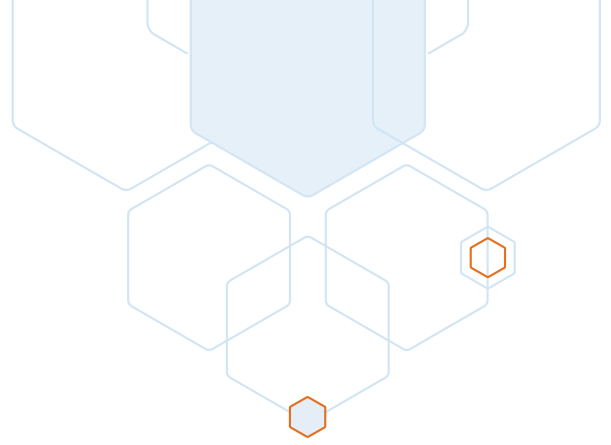


- Third party control via serial, Software GUI or via Icon-CP control panel
- Remote VCA master volume control
- Mic/Line inputs have 34 volt phantom power



- Low power contact closure
- DSP processing on board with Parametric EQ, compressor, delay and high and low pass filters

AMD200	Mixer Amplifier 200W Class D. 8 balanced mic/line + 4 pgm inputs. 100V, 70V, 4Ω & 8Ω outputs.
ICON-CPW	Control panel for AMD mixer amplifiers, wall mounting. White



HS SERIES

HS60, HS120 and HS250

Mixer Amplifiers

the next generation...

The HS Series is Australian Monitor's next generation of Class D mixer amplifiers, delivering high quality audio reinforcement with all the power you need in 60, 120 and 250 watt options.

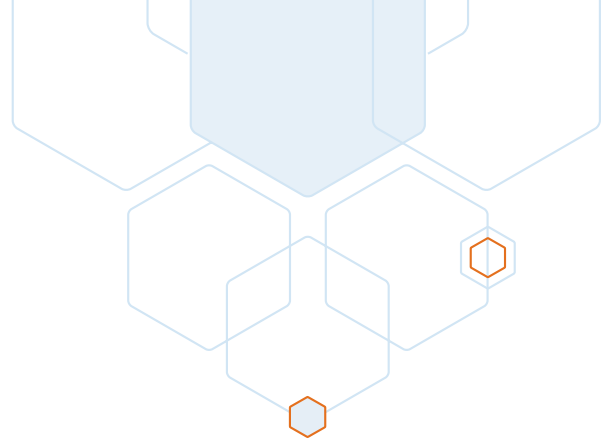
Like all Australian Monitor products, it offers the flexibility and quality you expect, plus extra features to ensure a best-in-class performance, wrapped up in the perfect 1RU solution to meet all of your commercial audio needs.

HS Series amplifiers feature:

- 7 external and 2 internal audio input channels
- Individual channel volume control, equalizer and gain control
- Magnetic cover for customer concealed EQ and gain controls
- Tone/Track generator with 16 options via SD card/contact closure
- MP3 player via SD card, random and sequence playback options
- Integrated **Bluetooth** audio streaming
- Front panel 3.5mm TRS audio input
- USB charger for mobile devices
- Class D amplifier for cool, efficient sound reproduction

The HS series has been designed from the ground up, with features and power to suit a vast range of installations from the classroom to the boardroom, restaurant, bar or function space.





POWER AMPLIFIERS

ES SERIES POWER AMPLIFIERS



- 80W, 120W, 250W and 500W models
- Rear panel gain control
- 2RU rack mount size
- Single, Dual or Quad Channel options
- Balanced XLR input and thru output
- Thermal overload protection
- 100V and 4Ω outputs
- Fan cooled

ES120P	Power Amplifier. 120W with 100V & 4Ω outputs.
ES250P	Power Amplifier. 250W with 100V & 4Ω outputs
ES2120P	Power Amplifier. 2 x 120W with 100V & 4Ω outputs
ES480P	Power Amplifier. 4 x 80W with 100V & 4Ω outputs
ES500P	Power Amplifier. 500W with 100V & 4Ω outputs

HSP SERIES POWER AMPLIFIERS



- Single, dual and quad channels models 120 or 250 watts per channel
- High or low impedance outputs per channel
- Class D topology
- Programmable via PC UI application
- USB and RS232 control
- Standby control via contact
- miniDSP
- Volumes Controls
- Input / output routing
- High and low pass filtering
- Compressor / limiter
- Pink noise / sine wave generator
- Mutes
- Inversion
- Mute control via contact
- Fault status via contact

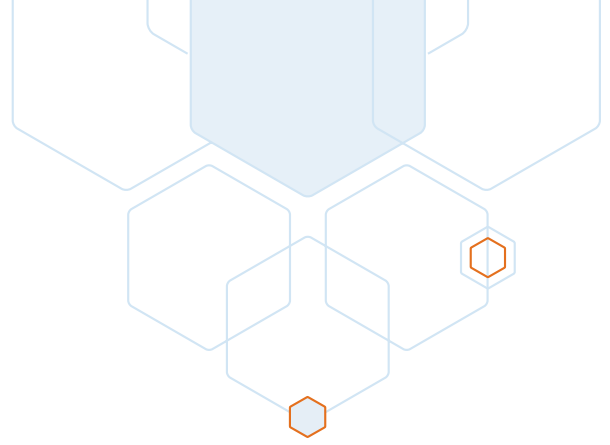
HS120P	Single channel 120 watt power amplifier with miniDSP and USB/RS-232 control - 1RU
HS250P	Single channel 250 watt power amplifier with miniDSP and USB/RS-232 control - 1RU
HS2120P	Dual channel 120 watt per channel power amplifier with miniDSP and USB/RS-232 control - 1RU
HS2250P	Dual channel 250 watt per channel power amplifier with miniDSP and USB/RS-232 control - 1RU
HS4120P	Quad channel 120 watt per channel power amplifier with miniDSP and USB/RS-232 control - 2RU
HS4250P	Quad channel 250 watt per channel power amplifier with miniDSP and USB/RS-232 control - 2RU

AMB SERIES POWER AMPLIFIERS



- Two channel low impedance output
- 4Ω / 8Ω Operation
- Mono, Stereo or Bridge Mode operation
- Balanced XLR input and thru output
- Class AB operation
- 2 RU, Fan cooled

AMB600	Power Amplifier. 2 x 300W @ 4Ω, 250W @ 8Ω
AMB1200	Power Amplifier. 2 x 600W @ 4Ω, 450W @ 8Ω
AMB1600	Power Amplifier. 2 x 800W @ 4Ω, 550W @ 8Ω



POWER AMPLIFIERS

IS SERIES POWER AMPLIFIERS



- 4Ω and 70V / 100V outputs
- Class D amplifier technology
- Ethernet control
- Embedded ALMA Control Software accessible using any HTML5 web browser
- DSP:
 - Volume control
 - Matrix Mixer
 - High/Low/All pass filters
 - 12 band parametric equaliser per channel
 - Compressor/Limiter
 - Delay up to 75m(220ms) per amplifier output
 - Audio level sense for standby/auto-wake

- Four software configurable external input/outputs
- Dedicated external standby contact closure
- Open control interface for third party integration
- **Dante** 4In,4Out expansion card option
- Analogue 4In expansion card option
- 1 RU for 2 channel amplifiers, 2 RU for 4 channel amplifiers
- Fan cooled
- Universal switchmode PSU with PFC
- ErP (1275/2008/EC) Standby Compliant, less than 2W

IS2120P	2 x 120 watt power amplifier with full DSP and optional Dante® 4 x 4 expansion
IS2250P	2 x 250 watt power amplifier with full DSP and optional Dante® 4 x 4 expansion
IS4120P	4 x 120 watt power amplifier with full DSP and optional Dante® 4 x 4 expansion
IS4250P	4 x 250 watt power amplifier with full DSP and optional Dante® 4 x 4 expansion
DM4X4	4in 4 out Dante® expansion card
ANALOGUE4	4 channel analogue input card

AV SERIES POWER AMPLIFIERS



- Two channel low impedance output
- Ground lift switch
- Perfect for boardrooms, lecture theatres and houses of worship

- Convection cooled design for whisper quiet operation
- Outstanding sonic performance

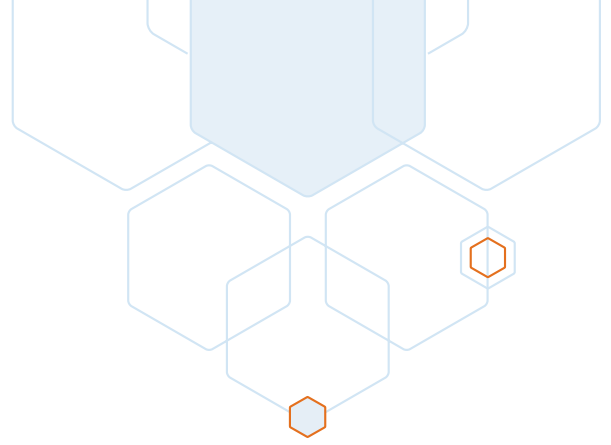
AV2-2P	Power Amplifier. 2 x 100W @ 4Ω, 2 x 75 watts @ 8Ω. Convection cooled 1RU
AV2-4P	Power Amplifier. 2 x 200W @ 4Ω, 2 x 130watt @ 8Ω. Convection cooled. 2RU

SYNERGY SERIES



- Symmetrical layout - even weight distribution
- Balanced inputs and buffered attenuators
- Multi-role output fault indication
- High efficiency toroidal mains transformer
- 1dB below output clip indication
- Signal ground lift switch. Built in limiter circuit
- Dual channel operation
- Dual, twin speed axial fans
- High-quality, close-tolerance components throughout

SY400V	Power Amplifier. 2 x 200W @ 100V
SY800V	Power Amplifier. 2 x 400W @ 100V




DISTRIBUTION AMPLIFIER



- Low noise DA
- Front-panel output metering
- 2 balanced XLR/Dual RCA mic/line inputs
- Front-panel volume controls and output assign switches
- 6 balanced XLR/Dual RCA mic/line outputs

AMIS26 Distribution Amplifier. 2 input 6 output. 1RU

MONO MIC/LINE MIXERS - ESMIX & MX61



- XLR input switchable between mic and line level
- 24VDC or mains power operation
- Dual colour signal present indication LED per input
- 15dB +/- gain trim control per input
- Whisper quiet operation
- Optional VCA/Tone generator/Muting boards available for MX61
- Input 1 is switchable to be pre/post master

ESMIX Mixer. 4 dual balanced mic/line inputs. 230VAC. 1RU

MX61 Mixer. 6 dual balanced mic/line inputs. 240VAC & 24VDC. 1RU

MONO MIC/LINE MIXER - HSMIX



All the features of the HS Series amplifiers in a 1RU mixer including

- 9 audio input channels. 6 rear mic/line & front, 3.5mm line, Bluetooth and MP3 player. 12 VDC phantom power
- 1 line level output
- Individual gain/equalisation control on all external audio inputs
- Priority mute control on channels 1-3, with level and time release control
- Magnetic cover for customer concealed eq and gain controls
- Embedded tone generator for bell/alert/evac/chime/ intruder plus 11 fully customisable user tones
- Embedded MP3 player via onboard SD card socket supporting random, sequenced and single playback
- Bluetooth 3.0+EDR audio receiver supporting advanced audio distribution profile (A2DP)
- Tamper-proof channel attenuation by disabling external volume controls

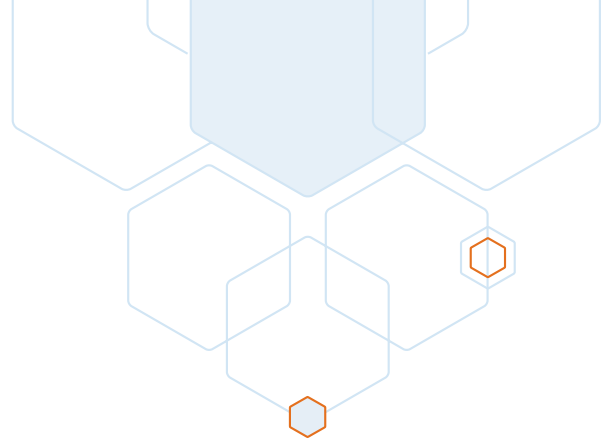
HSMIX Mixer. 6 dual mic/line inputs plus MP3 Player, Bluetooth, 3.5mm aux and tone generator. 1RU

STEREO MIC/LINE MIXER - MX82



- 4 XLR inputs switchable between microphone and line level, each with direct output
- Phantom power individually switchable for XLR inputs
- 4 stereo dual RCA line level inputs. Each input has front panel microphone/line switching (inputs 1-4), treble and bass control, ±15dB of gain trim and dual colour status LED indication
- Single master volume control
- Priority muting via optional muting modules
- Optional remote VCA master and tone board

MX82 Mixer. 8 channel stereo mic/line, direct outs. 4 mic/line & 4 stereo line inputs. 1RU



STEREO MIC/LINE MIXER - MX883



- 8 x XLR microphone/line, and stereo RCA inputs with LED status indication
- Left, Right and Aux assignment per channel
- 5 band constant Q graphic EQ on Left/Right outputs
- 15dB gain trim per input
- Low noise/high performance for live sound and critical applications

- Treble and Bass controls per channel
- Stereo output
- Direct output (TRS) per channel
- Link bus to expand the MX883

MX883 8 ch stereo mixer. 8 stereo or XLR balanced inputs. 2RU

MIXERS ACCESSORIES

AMMUTE1	Single stage priority module for the MX mixer range. Suits MX61, MX82 & MX883. (2 req for MX82 & MX883)
AMMUTE3	Mute module. Input 1 over inputs 2&3, input 2 over input 3. Suits MX61, MX82 & MX883. (2 req for MX82 & MX883)
AMTONE	Tone module. Bell, Pre Announce, Alert & Evacuate. Suits MX61, MX82 & MX883
AMTONE1	Tone module. Bell, Pre Announce, Alert & Evacuate. Suits MX61, MX82 & MX883
AMVCA	VCA module. Suits MX61, MX82, MX883, HSMIX, HS60, HS120, HS250, HS500 & ZRM4 (two required for MX82 & MX883)
RC1-LIN	Linear Attenuator. Clipsal 2000 style wall plate/volume control, 500 KΩ. Suits AMD200, ISP Series
RC2-LOG	Linear Attenuator. Clipsal 2000 style wall plate/volume control, 500 KΩ. Suits MX61, MX82, MX883, HSMIX, HS60, HS120, HS250 & ZRM4 (two required for MX82 & MX883)

ZONING SOLUTIONS

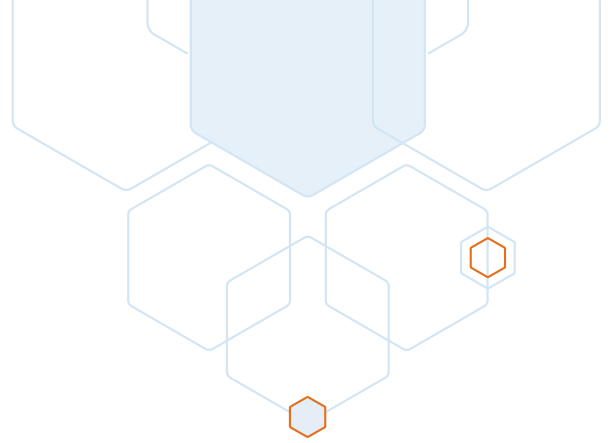
DIGIPAGE



- 6 balanced mic/ Dual RCA line inputs
- 8 dedicated local inputs (one per zone)
- Emergency input
- Alert, Evacuation and Pre Announce Chimes
- Easy front panel input selection
- One paging microphone can have priority over other paging microphones
- Remote wall panels available for source selection and volume control

- Link a second DigiPage to expand up to 16 zones
- Capacity for up to 8 remote paging microphones
- 4 CAT5 ports to connect to remote zone paging microphones
- Priority Ducking Circuitry
- Page 'Enable' per zone
- AC/DC operation

DIGIPAGE	8 zone paging and BGM system, expandable to 16 zone
DP8M	Microphone, 8 zone to suit DigiPage
DP16M	Microphone, 16 zone to suit two linked DigiPages
DPRMB	Remote source & volume control for DigiPage. Black. Note: not compatible with DigiPageJr.
DPRMW	Remote source & volume control for DigiPage. White .Note: not compatible with DigiPageJr.



DIGIPAGE JUNIOR



- 4 balanced mic/ Dual RCA line inputs
- Emergency input
- Alert, Evacuation and Pre Announce Chimes
- Easy front panel input selection
- One paging microphone can have priority over other paging microphones
- Link a second DigiPage Junior to expand up to 16 zones
- Capacity for up to 8 remote paging microphones
- 4 CAT5 ports to connect to remote zone paging microphones
- Priority Ducking Circuitry
- Page 'Enable' per zone
- AC/DC operation

DPJR	8 Zone paging and BGM system, expandable to 16 Zone
DPJR8M	Microphone, 8 zone to suit DigiPage Jr
DPJR16M	Microphone, 16 zone to suit two linked DigiPage Jr's

ZONEMIX3



- High spec stereo zone mixer – foreground or background music
- 3 stereo zone outputs
- Link output for a second unit (6 stereo zones)
- Optional remote paging microphone via CAT-5 cable
- 4 stereo and 2 mic/line inputs assignable to all/any outputs
- Five stage EQ per zone
- Optional remote source and volume selection per zone via CAT-5 cable
- Integral security covers for EQ and gain sections of the Zone Mix 3

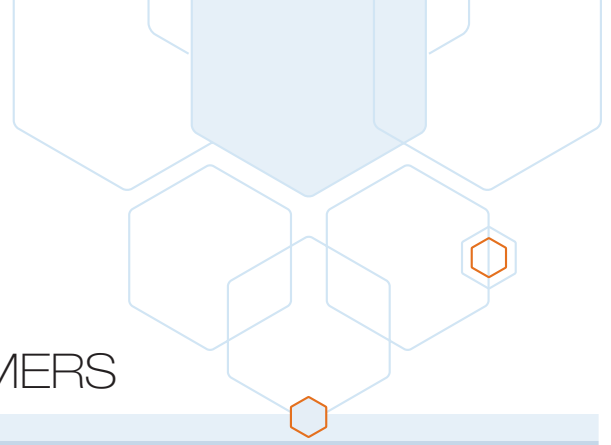
ZONEMIX3	Zone mixer. High spec stereo. 4 stereo & 2 mic/line inputs, 3 stereo zones. 5 stage EQ per zone
ZM3M	Microphone. 3 zone for ZoneMix3
ZM3R	Program & Volume selector for ZoneMix3

ZRM4



- 6 balanced dual mic/line input
- 6 dual mic/line inputs with sensitivity control
- Individual remote master VCA control for all four outputs/zones
- Clear indication of zone selection from front panel LEDs
- 4 mono outputs/zones
- In-built bell, alert, evac and pre announce chimes
- In-built priority/ducking circuit switchable per output

AMISZRM4	Zone routing mixer. 6 dual balanced mic/line inputs to any combination of 4 outputs. 1RU
RC2-LOG	Linear Attenuator. Clipsal 2000 style wall plate/volume control, 500 KΩ. Suits MX61, MX82, MX883, HSMIX, HS60, HS120, HS250 & ZRM4 (two required for MX82 & MX883)



ATTENUATORS & TRANSFORMERS

WMA10CW	Attenuator. 10W, 10 step, 100V TX on Clipsal 2000 plate
WMA10CWR	Attenuator. 10W, 10 step, 100V TX on Clipsal 2000 plate with relay
WMA25CW	Attenuator. 25W, 10 step, 100V TX on Clipsal 2000 plate
WMA25CWR	Attenuator. 25W, 10 step, 100V TX on Clipsal 2000 plate with relay
WMA50CW	Attenuator. 50W, 10 step, 100V TX on Clipsal 2000 plate
WMA100CW	Attenuator. 100W, 10 step, 100V TX on Clipsal 2000 plate
RMA256	6 x 25W attenuators on a 2RU panel
RMA1006	6 x 100W attenuators on a 2RU Panel
46141S	Transformer. 4Ω & 8Ω to 100V with Taps at 70, 60, 45, 30W
46145S	Transformer. 4Ω & 8Ω to 100V with Taps at 50, 25 & 10W
ATC5006-6	Transformer. 8Ω to 100V with Taps at 5, 2.5, 1, .5 & .33W
ATC5015A	Transformer. 8Ω to 100V with Taps at 15, 10, 5, 2 & .5W
LIU1	Line isolation unit c/w volume control, 3.5mm TS terminated
RC1-LIN	Linear Attenuator. Clipsal 2000 style wall plate/volume control, 500 KΩ. Suits AMD200, ISP Series
RC2-LOG	Linear Attenuator. Clipsal 2000 style wall plate/volume control, 500 Ω. Suits MX61, MX82, MX883, HSMIX, HS60, HS120, HS250 & ZRM4 (two required for MX82 & MX883)

PROGRAM SOURCES

MYM SERIES



MYMDABCD

- 1RU dual program source
- MP3-compatible CD player
- Bluetooth, USB and SD card playback
- DAB+ and FM tuner
- Discrete stereo outputs for each module
- Priority stereo output
- IR & RS-232 control



MYMDUALCD

- 1RU Rackmount program source
- 2 x MP3-compatible CD players
- USB, SD card & Bluetooth playback
- Discrete stereo outputs for each module
- IR & RS-232 control



MYMDUALDAB

- 1RU dual program source
- Dual DAB+ / FM tuners plus Bluetooth
- Discrete stereo outputs for each module
- IR & RS-232 control

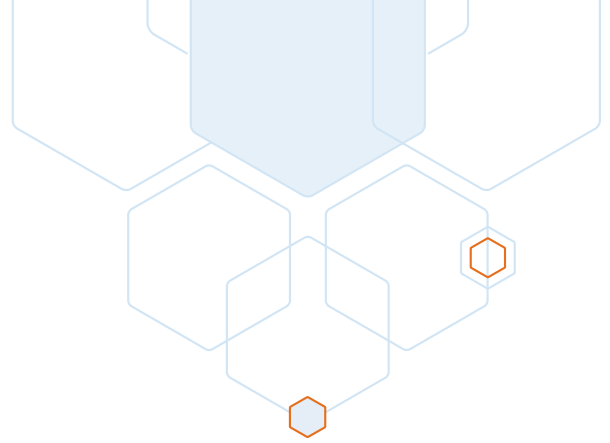
MYMDABCD	CD/MP3 player with USB & SD port and DAB/FM tuner with Bluetooth in 1RU. Individual and priority outputs. Includes infrared remote for CD/MP3 player. Now with RS232 control.
MYMDUALCD	Dual CD/MP3 player with USB & SD port & Bluetooth in 1RU. Individual and priority outputs. Includes infrared remote for CD/MP3 player. Now with RS232 control
MYMDUALDAB	Dual DAB/FM tuner with Bluetooth in 1RU. Individual and priority outputs. Includes infrared remote for CD/MP3 player. Now with RS232 control.

MICROPHONES

ESSENTIAL SERIES MICROPHONES



AMSLIMG	Electret cardioid gooseneck microphone
AMHEAVYG	Dynamic supercardioid heavy duty supermarket style gooseneck mic with momentary PTT switch
AMX526	Heavy duty, gooseneck style desk microphone. Base c/w on/off/lock switch, 200Ω, XLR3M
AMX100WP	Flush wall mounting microphone without switch, 200Ω



COMMERICAL SERIES MICROPHONES

Cardioid Boundary Microphone - IMBCB (W)



FEATURES

- Cardioid polar pattern
- High gain before feedback
- High sensitivity
- Neutral response
- Robust diecast chassis

INCLUDED ACCESSORIES

- 10 metre TA3F terminated microphone cable

Omni Boundary Microphone - IMBOB (W)



FEATURES

- Omni polar pattern
- High gain before feedback
- Neutral response
- High sensitivity
- Robust diecast chassis

INCLUDED ACCESSORIES

- 10 metre TA3F terminated microphone cable

Omni Flush Mount Microphone IMFOB (W)



FEATURES

- Half Omni polar pattern
- Tailored Frequency response
- Neutral response
- High sensitivity
- Unobtrusive design

INCLUDED ACCESSORIES

- Rubber isolation rings

Cardioid Flush Mount Microphone - IMFCB (W)



FEATURES

- Half Cardioid polar pattern
- Tailored Frequency response
- Neutral response
- High sensitivity
- Unobtrusive design

INCLUDED ACCESSORIES

- Rubber isolation rings

Dynamic Handheld Microphone - PMD1, PMD1S



FEATURES

- Supercardioid polar pattern
- Exceptional gain before feedback
- Low handling noise,
- Transformer Isolated
- Magnetic lockable reed switch (PMD1S only)
- Rugged design

INCLUDED ACCESSORIES

- Microphone Clip
- 5/8 – 3/8 thread adaptor
- Microphone Pouch

Cardioid Gooseneck Microphone - IMGC450



FEATURES

- Cardioid condenser capsule included
- Tailored for Voice reproduction
- High Sensitivity
- Exceptional gain before feedback
- Discreet unobtrusive slim design
- RF Shielded
- Low Frequency Filter
- Phantom Power 9 – 52 V

INCLUDED ACCESSORIES

- Isolated shock mount
- Windssock

IMBCB	Cardioid pattern boundary condenser microphone - black
IMBCW	Cardioid pattern boundary condenser microphone - white
IMBOB	Omni pattern boundary condenser microphone - black
IMBOW	Omni pattern boundary condenser microphone - white
IMFCB	Cardioid pattern button boundary condenser microphone - black
IMFCW	Cardioid pattern button boundary condenser microphone - white
IMFOB	Omni pattern button boundary condenser microphone - black
IMFOW	Omni pattern button boundary condenser microphone - white
IMGC450	450 mm gooseneck microphone with condenser cardioid capsule & shockmount
PMD1	Handheld supercardioid condenser microphone
PMD1S	Handheld supercardioid condenser microphone with switch

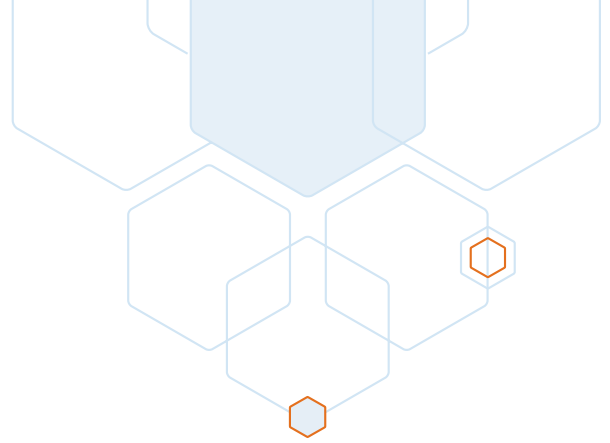
Introducing Australian Monitor's latest range of microphones



for broadcast, performance,
teleconference and presentations

Australian Monitor's new range of high quality microphones provides exceptional sound reinforcement and are tailored to suit a myriad of applications. From presentations and teleconferences to demanding stage shows, Australian Monitor's new range of microphones have the versatility, performance and reliability to get the job done.





GETOUT



MIXEDUP



JUICEDUP rear



MULTICAN rear



GETDOWN rear



MIXEDUP rear



DROPMIE rear

GET OUT	USB audio interface. USB input to dual transformer balanced XLR outputs, with level control and ground lift switch. Excellent for us with computer audio.
BUZZOFF	Dual channel hum eliminator. Featuring both balanced XLR and unbalanced RCA inputs and outputs per channel.
DROPMIE	100V line converter. Converts a 100V line amplifier speaker output signal to a balanced line level signal. Phoenix connector input to balanced XLR output. Rear panel level control
GETDOWN	Stereo converter. Converts line level balanced audio signal to unbalanced domestic level signal. XLR inputs and stereo RCA outputs. Front panel level control.
GETUP	Stereo converter. Converts unbalanced domestic level signal to professional line level balanced audio.
INJECTOR	Passive direct injection box. Features 6.35mm input to 6.35mm direct out and balanced XLR output. Ground lift switching and 3-stage pad offering up to 40dB of attenuation.
JUICEDUP	Dual channel phantom power supply. Features balanced XLR inputs and outputs per channel. Operates via external power supply, or two on-board 9V batteries. Supplied 12VDC phantom power from batteries and 40VDC from external power supply.
LETSPLITL	Line level splitter with balanced XLR line level input. Transformer balanced XLR output and thru XLR output. Ground lift switch
LETSPLITM	Mic level splitter with balanced XLR mic level input. Transformer balanced XLR output and thru XLR output. Ground lift switch
MIXEDUP	4 channel passive mixer. Features 2 balanced XLR mic level inputs and 2 dual RCA line inputs to single.
MULTICAN	4 channel headphone amplifier. 6.35mm TRS, dual RCA and dual XLR stereo inputs to 6.35mm TRS headphone outputs. Individual output level controls per channel.
PREME	Microphone pre-amplifier. Dual RCA and balanced XLR input switchable between mic/line level. Offers +40VDC phantom power, switchable high-pass filter and balanced XLR output. Font panel gain control.
ZONEDOUT	Six Zone Speaker Selector. One 100V speaker input, six 100V speaker outputs with push button switches.



HEADPHONES & LISTENING SYSTEMS

The GLC8 splits the headphone output of a CD/Cassette player or similar device 8 ways.



ATCGLC8

Group listening centre, 8 way




LOUDHAILERS

LH25P

- 25 Watts
- On-Board Tone Generator (Fog Horn, Whistle and Siren)
- Battery Operation
- 400 Metre (approx) Effective Range
- Light Weight (1.0 Kg Excluding Batteries)
- 6 Hour Battery Life

LH25FM

- 25 Watts
- On-Board Tone Generator (Fog Horn, Whistle and Siren) Battery Operation
- 400 Metre (approx) Effective Range
- Light Weight (1.0 Kg Excluding Batteries)
- 6 Hour Battery Life
- Fist Microphone

LH25P	Loudhailer. 25W, includes siren tone generator
LH25FM	Loudhailer. 25W, includes siren tone generator and detachable fist mic & shoulder strap



SPEAKERS

HORNS & DRIVERS



ATC10, 15, 30



H16



HDT35, 60



HK16



MP30

ATC10	Horn. 10W with 100V Taps at 10, 5, 2.5, 1.25W & 8Ω. Fitted with supervisory capacitor
ATC15	Horn. 15W with 100V Taps 15, 7.5, 3.75, 1.87W & 8Ω. Fitted with supervisory capacitor. IP66 rated
ATC30	Horn. 30W with 100V Taps 30, 15, 7.7, 4W & 8Ω. Fitted with supervisory capacitor. IP66 rated
MP30	Music Horn. 30W with 100V Taps at 30, 15 & 7.5W. IP65 rated
MPH5300	Horn. 30W with 100V Taps at 30, 15 & 7.5W. IP66 rated
H16	Horn flare. Circular aluminium, 41cm dia, use with HDT35 or HDT60 horn driver
HK16	Horn flare. Rectangular ABS flare, 40.5 x 24 cms, use with HDT35 or HDT60 horn driver
HDT35	Driver for horn flare. 35W with 100V Taps at 35, 18, 9 & 4.5W. Use with H16 or HK16 horn flare
HDT35	Driver for horn flare. 60W with 100V Taps at 60, 30, 15 & 7.5W. Use with H16 or HK16 horn flare

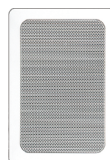
STANDARD CEILING SPEAKERS



ATC5101-6



ATC5010-6



IW5

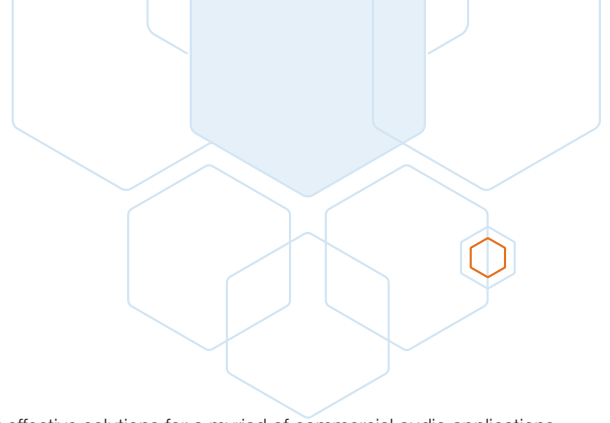


ATC5404



WCM5

ATC5101-6	Dual cone ceiling speaker. 5W, 4", 8Ω, with 100V Taps at 5, 2.5, 1, .5 & .33W. Fitted with supervisory capacitor & transformer cover
ATC5010-6	Dual cone ceiling speaker. 5W, 8", 8Ω, with 100V Taps at 5, 2.5, 1, 0.5 & .33W. Fitted with supervisory capacitor & transformer cover
IW5	In-wall Speaker. 35W, 8Ω, 5.25" & Mylar cone tweeter
ATC5404	Surface mount speaker/grill assembly. Includes surface mount, ATC5101-6 4" speaker & Tx and ATC5400 grill
WCM5	Wall-mount speaker, 5" including capacitor + bypass attenuator 100V Taps at 5, 2.5, 1, 0.5 & 0.33W



QF SERIES CEILING SPEAKERS

The QuickFit dual cone series QF5CS, QF6CS, QF6WRC, QF8CS and QF8CSB provide cost effective solutions for a myriad of commercial audio applications such as education, shopping centres, common areas, RSLs, clubs, restaurants, fire evacuation systems and many more applications that requires a reliable high quality affordable commercial ceiling speaker product. Each model also features a supervisory capacitor as standard to allow for evacuation system integration.



QF5CS	Dual cone ceiling speaker, featuring white baffle and push in grill, 5 inch woofer. 100V Taps 6, 3, 1.5, 0.75 watts. 180mm cut-out.
QF6CS	Dual cone ceiling speaker, featuring white baffle and push in grill, 6 inch woofer. 100V Taps 10, 5, 2.5, 1.25 watts. 208mm cut-out.
QF8CS	Dual cone ceiling speaker, featuring white baffle and push in grill, 8 inch woofer. 100V Taps 15, 7.5, 3.75, 1.87 watts. 245mm cut-out.
QF8CSB	Dual cone ceiling speaker, featuring black baffle and push in grill, 8 inch woofer. 100V Taps 15, 7.5, 3.75, 1.87 watts. 245mm cut-out.
QF6WRC	Weather Resistant Dual cone 6" ceiling speaker with 100V Taps at 12, 6, 3W. IP55 rated suitable for bathrooms, pools spa's and under outdoor eves c/w grill and supervisory capacitor.

QFC SERIES CEILING SPEAKERS

The QFC5CS, QFC6CS and QFC8CS series of QuickFit ceiling speakers are the perfect choice for situations demanding high intelligibility and SPL. Recommended for function rooms, school halls, retail spaces, boardrooms, place of worship, RSL's, clubs, rubs, Restaurants and many other commercial applications. Each model also features a supervisory capacitor as standard to allow for evacuation system integration.



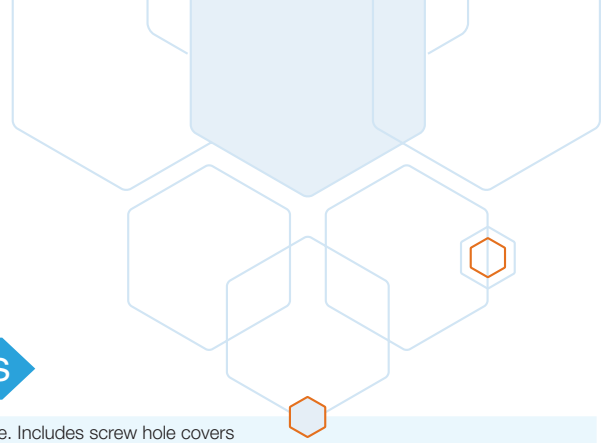
QFC5CS	2 way coaxial ceiling speaker, featuring frameless magnetic white grill, 5 inch woofer & 25mm tweeter. 100V Taps 10, 5, 2.5, 1.25 watts. 178mm cut-out. Optional black grill available.
QFC6CS	2 way coaxial ceiling speaker, featuring frameless magnetic white grill, 6 inch woofer & 25mm tweeter. 100V Taps 20, 10, 5, 2.5 watts. 208mm cut-out. Optional black grill available.
QFC8CS	2 way coaxial ceiling speaker, featuring frameless magnetic white grill, 8 inch woofer & 25mm tweeter. 100V Taps 30, 15, 7.5, 3.75 watts. 248mm cut-out. Optional black grill available.
QFC5GRILLB	Black magnetic grill to suit QFC5CS coaxial ceiling speaker. Sold individually
QFC6GRILLB	Black magnetic grill to suit QFC6CS coaxial ceiling speaker. Sold individually
QFC8GRILLB	Black magnetic grill to suit QFC8CS coaxial ceiling speaker. Sold individually

QUICKFIT PREMIUM SERIES

When you need more power and solid bass response the QuickFit premium coaxial series of ceiling speakers are sure to exceed expectations. This premium series features two way coaxial drivers producing high SPL and detailed audio reproduction. The frameless magnetic grills allows easy removal of the grill for tapping changes and quick installation. Porting through the front baffle improves bass response and ensures detailed bass definition. The sealed back-can provides isolation in the ceiling space ensuring spill in the ceiling cavity is kept to a minimum. A black grill is also available



QF20CS	2 way premium coaxial ceiling speaker, featuring frameless magnetic white grill, sealed shallow metal back can. 4 inch woofer & 20mm tweeter. 100V Taps 20, 10, 5, 2.5W & 16Ω. 182mm cut-out. Optional tile bridge available. Optional black grill available.
QF60CS	2 way premium coaxial ceiling speaker, featuring frameless magnetic white grill, sealed metal back can. 6.5 inch woofer & 20mm tweeter. 100V Taps 60, 30, 15W & 16Ω. 221mm cut-out. Tile bridge included. Optional black grill available.
QF80CS	2 way premium coaxial ceiling speaker, featuring frameless magnetic white grill, sealed metal back can. 8 inch woofer & 20mm tweeter. 100V Taps 80, 40, 20W & 16Ω. 272mm cut-out. Tile bridge included. Optional black grill available.
QF20CSGRILLB	Black magnetic grill to suit QF20CS premium coaxial ceiling speaker. Sold individually
QF60CSGRILLB	Black magnetic grill to suit QF60CS premium coaxial ceiling speaker. Sold individually
QF80CSGRILLB	Black magnetic grill to suit QF80CS premium coaxial ceiling speaker. Sold individually



CEILING & IN-WALL SPEAKERS ACCESSORIES

ATC5400	Grill. Round, white, accepts 4" (100mm) speakers. Standard styrene. Includes screw hole covers
ATC5402	Covers. Spare pack of 80 screw/fastener covers for ATC5400/5800
ATC5800	Grill. Round, white, accepts 8" (200mm) speakers. Standard styrene. Includes screw hole covers
AM20CSTB	Tile Bridge for QF20CS Ceiling Speaker. Tile bridge priced and sold individually
QF20CSGRILLB	Black magnetic grill to suit QF20CS premium coaxial ceiling speaker. Sold individually
QF60CSGRILLB	Black magnetic grill to suit QF60CS premium coaxial ceiling speaker. Sold individually
QF80CSGRILLB	Black magnetic grill to suit QF80CS premium coaxial ceiling speaker. Sold individually
QFC5GRILLB	Black magnetic grill to suit QFC5CS coaxial ceiling speaker. Sold individually
QFC6GRILLB	Black magnetic grill to suit QFC6CS coaxial ceiling speaker. Sold individually
QFC8GRILLB	Black magnetic grill to suit QFC8CS coaxial ceiling speaker. Sold individually

AMPAV SERIES

The Australian Monitor AMPAV30 is a self powered three-way stereo speaker system consisting of one powered and one passive speaker.

- 5.25" bass driver, 0.5" dynamic mid range tweeter and a 1" piezo high frequency tweeter
- 2 x 15 watts RMS power
- Treble, Bass and Volume controls
- Unbalanced stereo RCA inputs
- 3.5mm TRS jack line input



AMPAV30B	Active 3 way stereo speakers, 5.25 bass dvr, 0.5" mid range tweeter and a 1" piezo HF. Amp= 30W RMS, stereo RCA and 3.5 mm inputs. On-board bass, treble and volume controls. Supplied in pairs (one active, one passive) w/ brackets. Black.
AMPAV30W	Active 3 way stereo speakers, 5.25 bass dvr, 0.5" mid range tweeter and a 1" piezo HF. Amp= 30W RMS, stereo RCA and 3.5 mm inputs. On-board bass, treble and volume controls. Supplied in pairs (one active, one passive) w/ brackets. White.

The Australian Monitor AMPAV40 is a self powered three-way stereo speaker system consisting of one powered and one passive speaker.

- 5.25" bass driver, 0.5" dynamic mid-range tweeter and a 1" piezo high frequency tweeter
- 2 x 20 watts RMS power
- MP3 and WMA playback via USB port
- IR Remote Control
- Treble, Bass and Volume controls
- Auto standby
- Balanced and Unbalanced input options



AMPAV40B	Active 3 way speakers, 5.25 bass dvr, 0.5" mid tweeter and a 1" piezo HF. Amplifier= 40W RMS, Bass, treble and volume push button control. USB playback with control. IR remote. Supplied in pairs (one active, one passive) with brackets. Black.
AMPAV40W	Active 3 way speakers, 5.25 bass dvr, 0.5" mid tweeter and a 1" piezo HF. Amplifier= 40W RMS, Bass, treble and volume push button control. USB playback with control. IR remote. Supplied in pairs (one active, one passive) with brackets. White

FLEX SERIES

- Superb sonic performance
- IP65 water resistance
- Aluminium grills and brackets
- High & low impedance operation
- Pan and tilt bracket system
- Wall or ceiling mountable
- Available in black or white
- Three models
FLEX15: 4 inch two-way 15 watt
FLEX30: 5.25 inch two-way 30 watt
FLEX50: 6.5 inch two-way 50 watt



FLEX15B	4 inch two-way 15 watt 100 volt line or low impedance. Bracket included. Black per pair
FLEX15W	4 inch two-way 15 watt 100 volt line or low impedance. Bracket included. White per pair
FLEX30B	5.25 inch two-way 30 watt 100 volt line or low impedance. Bracket included. Black per pair
FLEX30W	5.25 inch two-way 30 watt 100 volt line or low impedance. Bracket included. White per pair
FLEX50B	6.5 inch two-way 50 watt 100 volt line or low impedance. Bracket included. Black per pair
FLEX50W	6.5 inch two-way 50 watt 100 volt line or low impedance. Bracket included. Black per pair

AM10SUB

- Bandpass 15mm MDF cabinet
- Mono or Stereo operation
- 300 watts per voice coil
- 121dB peak SPL
- 10 inch dual coil speaker drive
- Internal crossover 150Hz for satellite speakers
- Wall mountable in horizontal or vertical orientation
- Two models
AM10SUB - Black
AM10SUW - White



AM10SUB	Subwoofer. Bandpass design with 2 x 10" drivers in wooden cabinet. Black
AM10SUW	Subwoofer. Bandpass design with 2 x 10" drivers in wooden cabinet. White

XRS SERIES PASSIVE SPEAKERS

- The XRS series of high performance loudspeakers takes the legendary performance of the XR series and adds a more stylish, contemporary look that is at home in any entertainment environment.
- Building on the enormous market acceptance of the very popular XR speaker series, the XRS series two-way injection moulded speaker enclosures have even more features and new aesthetics to suit both live sound reinforcement and permanent installation.
- From front-of-house to fold back, the dance floor to background fill, the XRS series with passive and powered options are designed with flexibility and performance in mind.
- Including 8", 10" and 12" models, each have high quality compression drivers and represent a significant advancement in injection moulded box design while maintaining excellent audio quality and great value for money



XRS8B	Speaker. Two way, 8" woofer & 1.5" driver. 90° x 90° (h x v) horn. Includes U mounting bracket. Heavy duty, injection moulded case. Black.
XRS10B	Speaker. Two way, 10" woofer & 1.5" driver. 90° x 90° (h x v) horn. C/w pole mount & eye bolt installation points. Heavy duty, injection moulded case. Black
XRS12B	Speaker. Two way, 12" woofer & 2" driver. 90° x 90° (h x v) horn. C/w pole mount & eye bolt installation points. Heavy duty, injection moulded case. Black

XRS SERIES WEATHER RESISTANT PASSIVE SPEAKERS

The latest addition to the XRS range is the ODV series which features an IP44 rating for out door use as well as a multi tap constant voltage transformer for use in larger articulated constant voltage systems such as sporting arenas. The XRS outdoor/voltage speaker range bring the legendary XRS sonic performance to the weather proof and constant voltage speaker market.



XRS6ODVB	Speaker. Two way, 6" woofer & 1" 90° x 60°(h x v) horn. Includes U mounting bracket. Heavy duty, injection moulded case. IP44 rated c/w 100 volt line TX with tapping at 60 watt, 30 watt, 15, 7.5 watt & 8Ω Black
XRS8ODV	Speaker. Two way, 8" woofer & 1.5" driver. 90° x 90° (h x v) horn. Includes U mounting bracket. Heavy duty, injection molded case. Available in black. IP44 rated with 100V Taps at 75, 37.5, 15W & 8Ω
XRS10ODV	Speaker. Two way, 10" woofer & 1.5" driver. 90° x 90° (h x v) horn. C/w pole mount & eye bolt installation points. Heavy duty, injection molded case. IP44 rated with 100V Taps at 150, 75, 37.5W & 8Ω
XRS12ODV	Speaker. Two way, 12" woofer & 2" driver. 90° x 90° (h x v) horn. C/w pole mount & eye bolt installation points. Heavy duty, injection molded case. IP44 rated with 100V Taps at 300, 150, 75, 37.5W & 8Ω

XRS SERIES POWERED SPEAKERS

Building on the reliability and sonic quality of the XRS series, the XRSP series is a bi-amped active 2 way injection speaker system with a 8", 10" or 12" woofer and a compression driver. The XRS10P has more features and new aesthetic to suit live sound reinforcement and permanent installation. Featuring separate microphone and line level inputs with individual EQ and balanced line level output the XRSP amp module is incredibly versatile. From front-of-house to fold back, from the dance floor to background fill, the XRSP range is designed with flexibility and performance in mind. The XRSP is supplied with a foldback kit.



XRS8P	Self Powered 8" & 1" bi amp system with individual mic & line inputs. 100W LF, 50W HF. Black
XRS10P	Self Powered 10" & 1" bi amp system with individual mic & line inputs. 100W LF, 50W HF. Black
XRS12P	Self Powered 12" & 1" bi amp system with individual mic & line inputs. 300W LF, 100W HF. Black

XRS SERIES ACCESSORIES

XR8UMB	Bracket, universal mount for XRS8 (Pair)
XR8PMA	Pole mount adaptor for XRS8 (Pair)
XR10CVR	Cover, heavy duty for XRS10
XR12CVR	Cover, heavy duty for XRS12
XR10-12UB	Wall bracket kit for XRS10/P. Black Includes top and bottom mounts

XDS SERIES PASSIVE SPEAKERS

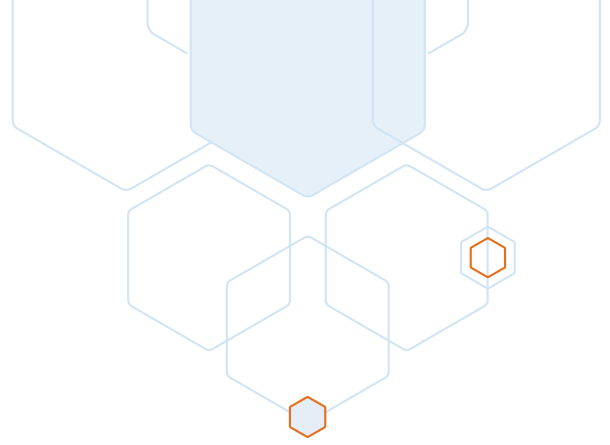
- The XDS Range of speaker enclosures represent our top of the line offering from Australian Monitor. They can be used in either front of house applications or as foldback monitors and have been acclaimed for their musical fidelity for use in bands or as general sound reinforcement enclosures.
- Each model in the XDS range has a timber cabinet and comes with a pole mount and eye-bolt points.
- Available in 8 inch, 10 inch and 12 inch versions and coupled with either the dual 12 inch bandpass subwoofer or the single 15 inch front loaded subwoofer an XDS speaker system is the ideal choice for high quality music reproduction or small live music venues.



XDS8	Speaker. Two way, 8" woofer & 1.5" horn. C/w pole mount & eye bolt installation points. Black heavy duty wooden cabinet.
XDS10	Speaker. Two way, 10" woofer & 1.5" horn. C/w pole mount & eye bolt installation points. Black heavy duty wooden cabinet.
XDS12	Speaker. Two way, 12" woofer & 2" horn. C/w pole mount & eye bolt installation points. Black heavy duty wooden cabinet.
XDS212	Subwoofer - Bandpass design with 2 x 12" drivers in wooden cabinet

XDS SERIES ACCESSORIES

XDS8UB	U Bracket to suit XDS8
XDS10UB	U Bracket to suit XDS10
XDS12UB	U Bracket to suit XDS12
XDSWMB	Wall bracket to suit XDS8, XDS10 & XDS12



COLUMN SPEAKERS 100 VOLT LINE



CS210

- Includes two 3.5" speakers and a 3.25" tweeter
- Smooth response, excellent intelligibility
- Tappings 10, 5, 2.5, 1.25W
- Flexible swivel bracket included
- IP66 rated



CS420

- Includes four 3.5" speakers and a 3.25" tweeter
- Smooth response, excellent intelligibility
- Tappings 20, 10, 5, 2.5W
- Flexible swivel bracket included
- IP66 rated

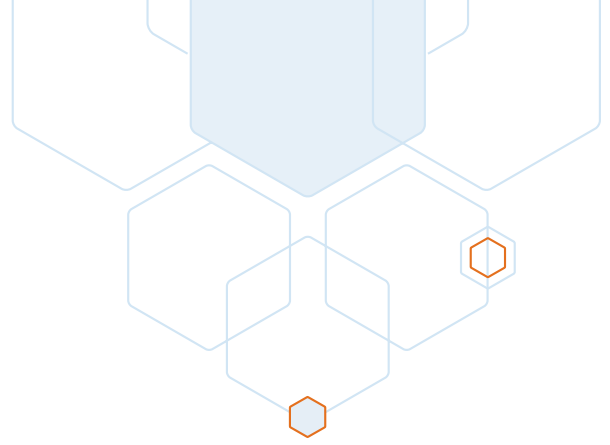
CS210	Sound column. 10W with 100V Taps at 10, 5, 2.5, 1.25W. White c/w bracket. IP66 rating
CS420	Sound column. 20W with 100V Taps at 20, 10, 5, 2.5W. White c/w bracket. IP66 rating

COLUMN SPEAKERS VL8 SERIES

- 110°H x 20°V Dispersion pattern
- Frequency response 180Hz ~ 20kHz. Crossover frequency 1800Hz
- Maximum SPL is 119dB continuous, 125dB peak.
- Nominal impedance is switchable between 4 ohms, 70V and 100V with tapings of 7.5W 70 Volt, 15W, 30W and 60W at 70 Volt and 100 Volt Line
- 300 watts RMS into 4Ω
- Innovative waveguide featuring 8 identical 1" tweeters
- 8 x 3" midrange drivers



VL8B	2 way column line array. 8 x 3" mid high drivers and 8 x 1" dome tweeters with waveguide. Black. No bracket included, see below.
VL8W	2 way column line array. 8 x 3" mid high drivers and 8 x 1" dome tweeters with waveguide. White. No bracket included, see below
VL8BUB	Wall mount U bracket, Black
VL8WUB	Wall mount U bracket, White
VL8WAB	Wall Mount adjustable angle bracket, White.
VL8BAB	Wall Mount adjustable angle bracket, Black.
VL8BPB	Pole Mount Bracket, Black in colour

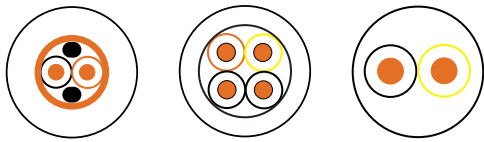
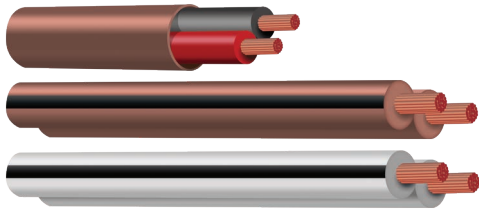











MODEL	DESCRIPTION
 ATC6010	Connector - XLR-3F
 ATC6015	Connector - XLR-3M
 ATC6016	Connector - XLR-4F
 ATC6017	Connector - XLR-4M
 ATC6018	Connector - XLR-5F
 ATC6019	Connector - XLR-5M
 ATC6035	Connector - XLR-3M Right-Angle
 ATC6036	Connector - XLR-3F Chassis Mount
 ATC6037	Connector - XLR-3M Chassis Mount
 ATC6038	Connector - XLR-4F Chassis Mount
 ATC6039	Connector - XLR-4M Chassis Mount
 ATC6041	Connector - XLR-5F Chassis Mount
 ATC6042	Connector - XLR-5M Chassis Mount
 ATC6043	Connector - 6.35mm TRS Jack Socket Chassis Mount
 ATC6060	Connector - 4 Pole Twist-Lock Speaker Connector, in-line
 ATC6061	Connector - 4 Pole Twist-Lock Speaker Socket, in-line
 ATC6062	Connector - 4 Pole Twist-Lock Joiner
 ATC6065	Connector - 4 Pole Twist-Lock Speaker Connector Chassis Mount
 ATC6067	Connector - 8 Pole Twist-Lock Speaker Connector
 ATC6070	Connector - 6.35mm Mono Jack Plug
 ATC6073	Connector - 6.35mm TS Right Angle Jack
 ATC6080	Connector - 6.35mm TRS Jack Plug
 ATC6081	Connector - 3.5mm TRS Jack Plug
 ATC6101B	Connector - RCA Plug, high quality with black ring
 ATC6101R	Connector - RCA Plug, high quality with red ring
 ATC6111R	Connector - RCA Socket, high quality with red ring

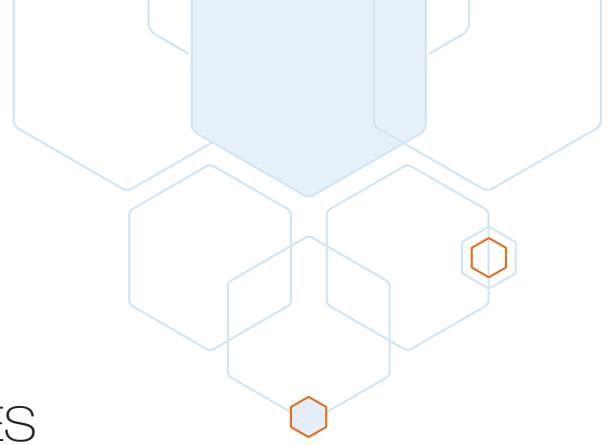
MODEL	DESCRIPTION
 ATC6411	Wall Plate with 1 x XLR-3F
 ATC6421	Wall Plate with 2 x XLR-3F
 ATC6422	Wall Plate with 1 x 4 Pole Twist-Lock Speaker Socket
 ATC6423	Wall Plate with 2 x 4 Pole Twist-Lock Speaker Socket
 ATC6710	Adaptor - XLR Gender Changer XLR-3M to XLR-3M
 ATC6720	Adaptor - XLR Gender Changer XLR-3F to XLR-3F
 ATC6730	Adaptor - 6.35mm TRS Jack Socket to XLR-3M
 ATC6731	Adaptor - 6.35mm TRS Jack Socket to XLR-3F
 ATC6740	Adaptor - XLR-3M to 6.35mm Mono Jack Plug
 ATC6741	Adaptor - XLR-3F to 6.35mm Mono Jack Plug
 ATC6750	Adaptor - XLR-3F to RCA Socket
 ATC6751	Adaptor - XLR-3M to RCA Socket
 ATC6760	Adaptor - 6.35mm TS Socket to 4 Pole Speaker Adaptor
 ATC6770	Adaptor - 6.35mm Jack Plug to RCA Socket
 ATC6772	Adaptor - Dual RCA Sockets to RCA Plug
 ATC6774	Adaptor - 3.5mm TRS Jack Plug to Dual RCA Sockets
 ATC6775	Adaptor - 6.35mm TRS Jack Plug to Dual RCA Sockets
 ATC6781	Adaptor - 3.5mm TRS Jack Socket to 6.35mm TRS Jack Plug
 ATC6783	Adaptor - 6.35mm TRS Jack Socket to 3.5mm TRS Jack Plug
 ATC6800	Adaptor - Attenuator. In-line 20db Pad, XLR-3F to XLR-3M
 ATC6824	Adaptor - 6.35mm Mono Jack Socket to XLR-3M Transformer Z Converter
 ATC6840	Adaptor - XLR-3M to XLR-5F DMX
 ATC6841	Adaptor - XLR-3F to XLR-5M DMX



BULK CABLE



	MODEL	DESCRIPTION	LENGTH	GAUGE	DIAMETER	OTHER	COLOUR
	ATC8000	Microphone Cable - Flexible	100m roll	20 x 0.23mm ²	6mm OD	Copper shield	Black
	ATC8010	Microphone Cable - Installation	100m roll	7 x 0.34mm ²	5mm OD		Grey
	ATC8050	Pro Speaker Cable	100m roll	2 x 1.5mm ²	7mm OD		Black
	ATC8055	Pro Speaker Cable	100m roll	2 x 2.5mm ²	8mm OD		Black
	ATC8060	Pro Speaker Cable	100m roll	4 x 2.5mm ²	12mm OD		Black
	AM15200DIB	Speaker Cable	200m roll	2 x 1.5mm		Double Insulated, Meter marked	Brown
	AM15250B	Speaker Cable	250m roll	2 x 1.5mm		Figure 8, Meter marked	Brown
	AM15250W	Speaker Cable	250m roll	2 x 1.5mm		Figure 8, Meter marked	White
	AM75250B	Speaker Cable	250m roll	2 x 0.75mm		Figure 8, Meter marked	Brown
	AM75250W	Speaker Cable	250m roll	2 x 0.75mm		Figure 8, Meter marked	White



LEADS, LOOMS & MULTICORES

MICROPHONE LEADS



MODEL	DESCRIPTION
ATC7000	Microphone Lead - XLR-3F to XLR-3M (3ft - 0.9m)
ATC7005	Microphone Lead - XLR-3F to XLR-3M (6.6ft - 2m)
ATC7010	Microphone Lead - XLR-3F to XLR-3M (20ft - 6m)
ATC7020	Microphone Lead - XLR-3F to XLR-3M (30ft - 9.1m)
ATC7025	Microphone Lead - XLR-3F to XLR-3M (66ft - 20m)

MULTICORES



MODEL	DESCRIPTION
ATC12015	Multicore with stage box. 15m, 12 send multicore
ATC16430	Multicore with stage box. 30m, 16 sends, 4 returns
ATC16450	Multicore with stage box. 50m, 16 sends, 4 returns
ATC24450	Multicore with stage box. 50m, 24 sends, 4 returns

LOOMS



ATC4015	Loom - 8 way 6.35mm TRS Jack to 6.35mm TRS Jack (10ft - 3m)
ATC4020	Loom - 8 way XLR-3F to XLR-3M (10ft - 3m)
ATC4025	Loom - 8 way XLR-3F to XLR-3M (20ft - 6m)
ATC4026	Loom - 8-way XLR-3F to XLR-3M (50ft - 15m)
ATC4030	Loom - 8 way XLR-3M to 6.35mm TRS Jack (10ft - 3m)
ATC4035	Loom - 8 way XLR-3M to 6.35mm TRS Jack (20ft - 6m)

HDMI CABLES



HD-1	HDMI A to HDMI A Lead 1m
HD-3	HDMI A to HDMI A Lead 3m
HD-5	HDMI A to HDMI A Lead 5m
HD-10	HDMI A to HDMI A Lead 10m

SPEAKER



ATC7610	6.35mm Mono Jack to 6.35mm Mono Jack, 2 core cable (30ft - 9.1m)
ATC7620	4 Pole to 4 Pole, 2 core cable (50ft - 15m)
ATC7621	4 Pole to 4 Pole, 2 core cable (6.6ft - 2m)
ATC7625	4 Pole to 4 Pole, 2 core cable (82ft - 25m)
ATC7640	Extender 4 Pole to 4 Pole, 2 core cable (32ft - 10m)
ATC7650	6.35mm Mono Jack to 4 Pole, 2 core cable (50ft - 15m)

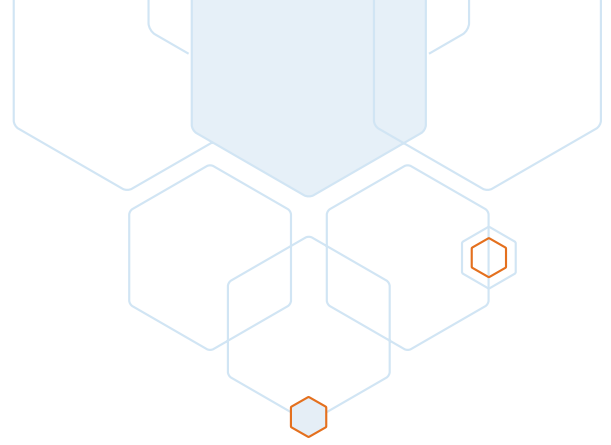
SIGNAL LEADS



ATC7030	XLR-3F to 6.35mm Mono Jack (30ft - 9.1m)
ATC7031	XLR-3F to 6.35mm Mono Jack (3ft - 0.9m)
ATC7032	6.35mm TRS Jack to XLR-3F (3ft - 0.9m)
ATC7033	6.35mm TRS Jack to XLR-3F (20ft - 6m)
ATC7034	6.35mm TRS Jack to XLR-3M (3ft - 0.9m)
ATC7035	6.35mm TRS Jack to XLR-3M (20ft - 6m)
ATC7040	6.35mm Mono Jack to 6.35mm Mono Jack Line (20ft - 6m)
ATC7041	6.35mm Mono Jack to 6.35mm Mono Jack (3ft - 0.9m)
ATC7044	3.5mm TRS Jack to 3.5mm TRS Jack (15ft - 4.5m)
ATC7045	6.35mm TRS Jack to 6.35mm TRS Jack (10ft - 3m)
ATC7050	6.35mm Mono Jack to 6.35mm Mono Jack (20ft - 6m)
ATC7051	6.35mm Mono Jack to 6.35mm Mono Jack (10ft - 3m)
ATC7060	Dual 6.35mm Mono Jacks to 6.35mm TRS Jack (15ft - 4.5m)
ATC7061	Dual 6.5mm TS Jack to 3.5mm TRS Jack (15ft - 4.5m)
ATC7070	Signal Lead - Dual RCA Plugs to Dual RCA Plugs (10ft - 3m)
ATC7076	Signal Lead - 3.5mm Mono Jack to RCA Plug 3m
ATC7080	Signal Lead - Dual 6.35mm Mono Jacks to Dual RCA Plugs (10ft - 3m)
ATC7092	Signal Lead - 3.5mm TRS Jack to Dual RCA Plugs (10ft - 3m)

DMX CABLE

DMX5-1	DMX 5 pin XLR-XLR cable 1 meter.
DMX5-2	DMX 5 pin XLR-XLR cable 2 meter.
DMX5-5	DMX 5 pin XLR-XLR cable 5 meter
DMX5-10	DMX 5 pin XLR-XLR cable 10 meter.
DMX5-20	DMX 5 pin XLR-XLR cable 20 meter.
DMXINSCAB	DMX Lighting control cable. 4 x 20 strands x 0.12mm with sheild, OD 6.0mm, 100m Roll




STANDS & BRACKETS

MODEL	DESCRIPTION	BASE	COLOR	HEIGHT	WEIGHT
AVL6304	Table microphone base, fitted with female XLR connector, ideal for most gooseneck microphones	Solid	Black	Fixed	1.95kg
ATC402	Desk stand	Solid	Black	Adjustable 35cm–65cm	0.9kg
ATC404	Mic floor stand	Solid	Black	Adjustable 84cm–160cm	4.0kg
ATC101	Mini boom stand	Tripod	Black	Adjustable 530mm–910mm	1.3kg
ATC203	Floor standing mic with boom	Tripod	Black	Adjustable 93cm–163cm	2.9kg



AVL6304



ATC402



ATC404



ATC101



ATC203

SPEAKER STANDS

MODEL	DESCRIPTION	BASE	HEIGHT	LOAD WEIGHT
ATC303	Heavy duty stand	Tripod	Adjustable to 1.8m	Up to 30kg
ATC304	Heavy duty stand	Tripod	Tripod Adjustable 1.25	Up to 100kg
ATC305	Winch-up stand	Solid	Adjustable 1.25 - 2m	Up to 80kg
ATC310	Telescopic pole		Adjustable 0.69 - 1.3m	
AMISLSB2	Speaker wall bracket. Pole mount style. Suits 35 mm pole mount			
ATC9222	Carry bag for the ATC303			



ATC303

ATC304

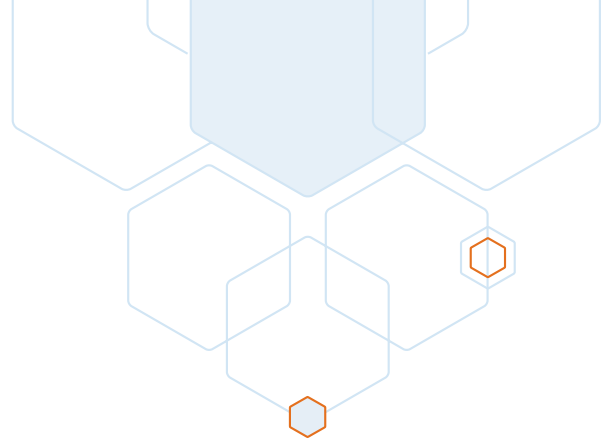
ATC305

ATC310

GOOSENECK ACCESSORIES

MODEL	DESCRIPTION
ATC19GNB	Gooseneck. 19 inch, Black, XLR-F-XLRM
ATC1250	Microphone clip, spring loaded
ATC1260	Microphone clip, rubber type





INTEGRATOR & SPEEDRACK

INTEGRATOR SERIES

- Lockable front and rear doors
- Lockable/removable side panels
- Vented lids
- Hinged rear panels on wall mount models
- Floor standing models offer heavy-duty castors or screw in feet.
- 6 way power strip available



INT6	6RU Wall mount rack	450 mm deep
INT12	12RU Wall mount rack	450 mm deep
INT18	18RU Floor Standing Rack	800 mm deep
INT32	32RU Floor Standing Rack	800 mm deep
INT45	45RU Floor Standing Rack	800 mm deep

SPEEDRACK SERIES

All Speedracks racks are supplied with the necessary hardware and cage nuts/bolts (racks are standard 19" product mounting) and are available in three sizes. Flat packed for easy shipping. Easy knock together design. Full range of rack accessories

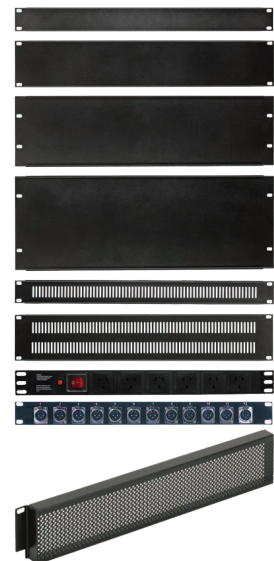
SRF10	10 RU frame	450mm deep, rack strip to rack strip, H545mm, W550mm, D 465mm
SRF18	18 RU frame	450mm deep, rack strip to rack strip, H900mm, W550mm, D 465mm
SRF21	21RU frame	450mm deep, rack strip to rack strip, H1037mm, W550mm, D 465mm
SRPS10	10RU panel set (L, R & top). Includes fixings	
SRPS18	18RU panel set (L, R & top). Includes fixings	
SRPS21	21RU panel set (L, R & top). Includes fixings	
SRCD10	10RU clear door lockable	
SRCD18	18RU clear door lockable	
SRCD21	21RU clear door lockable	
SRBP	Bottom panel, includes fixings	
SR4WS	4 wheel set - suits all SRF sizes	

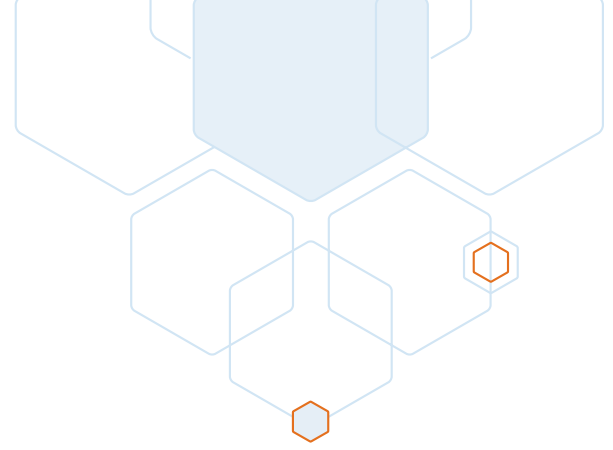


RACK ACCESSORIES

SRVP1	1RU vent panel
SRVP2	2RU vent panel
SRBP1	1RU blank panel
SRBP2	2RU blank panel
SRBP3	3RU blank panel
SRBP4	4RU blank panel
SRSCC2	2RU security cover, clear
SRSCP2	2RU security cover, metal perforated
SRT1	1RU tray
SRT2	2RU tray
SRT3	3RU tray
SRT4	4RU tray

RNRDR2U	2RU lockable rack drawer
RNRDR3U	3RU lockable rack drawer
INTPWB	Power Distribution Unit - 6 x AU Type
SRNBW20	20 piece cage nut, bolt and washer set
ATC6512F	Patch Panel - 1RU Panel with 12 x XLR-3F
ATC6512M	Patch Panel - 1RU Panel with 12 x XLR-3M
RMA256	6 x 25W attenuators on a 2RU panel
RMA1006	6 x 100W attenuators on a 2RU Panel





EASE ADDRESS

QuickFit Speaker Range EASE® Data now available

EASE Data for all of the QuickFit range of ceiling speakers has finally been approved by AFMG and is subsequently available for download from the Australian Monitor website.

<https://www.australianmonitor.com.au/pages/ease-speaker-modelling>

These GLL files are compatible with both full EASE® and EASE® Address.



EASE® Address is a free program which allows the modelling of distributed loudspeaker systems in two dimensions. Performance of a ceiling speaker in a space can be determined quickly and easily. It is ideal for situations where a quick analysis of a project is needed without committing to a full EASE® model. A report generator is included with the program.



SAMPLE APPLICATIONS

Small Shop with Paging

Basic School with Tones

School with Paging and Custom Tones

Small Shop with Streaming, Paging and Messages

Small Shop with Paging, Radio and Media Sources

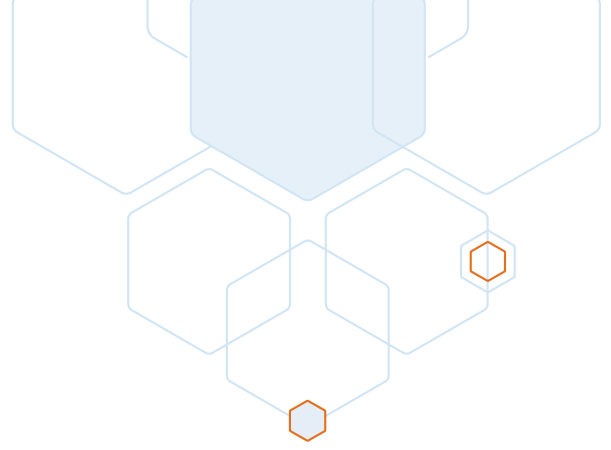
Large Bar with Zoning

Large Bar with High Power Zoning and Paging

Large Office / Function Rooms

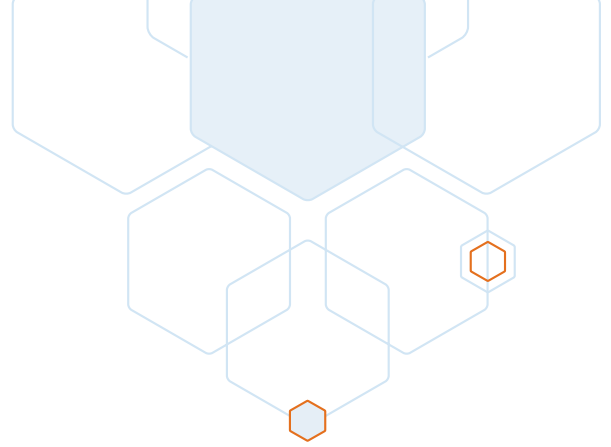
Function Room with DSP Headend and Dante

Further example applications are available on our website.
www.australianmonitor.com.au/pages/applications




SMALL SHOP WITH PAGING



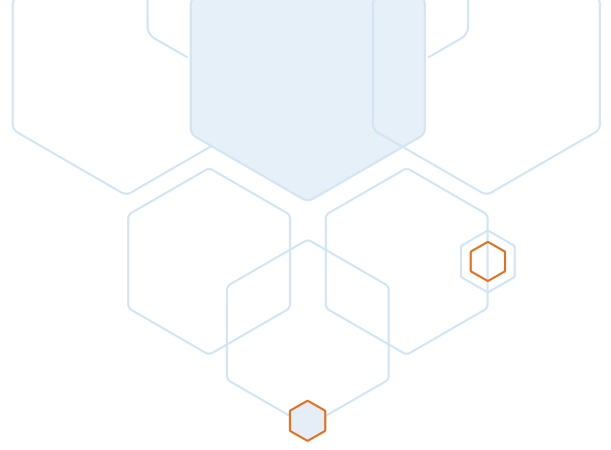


SMALL SHOP WITH PAGING

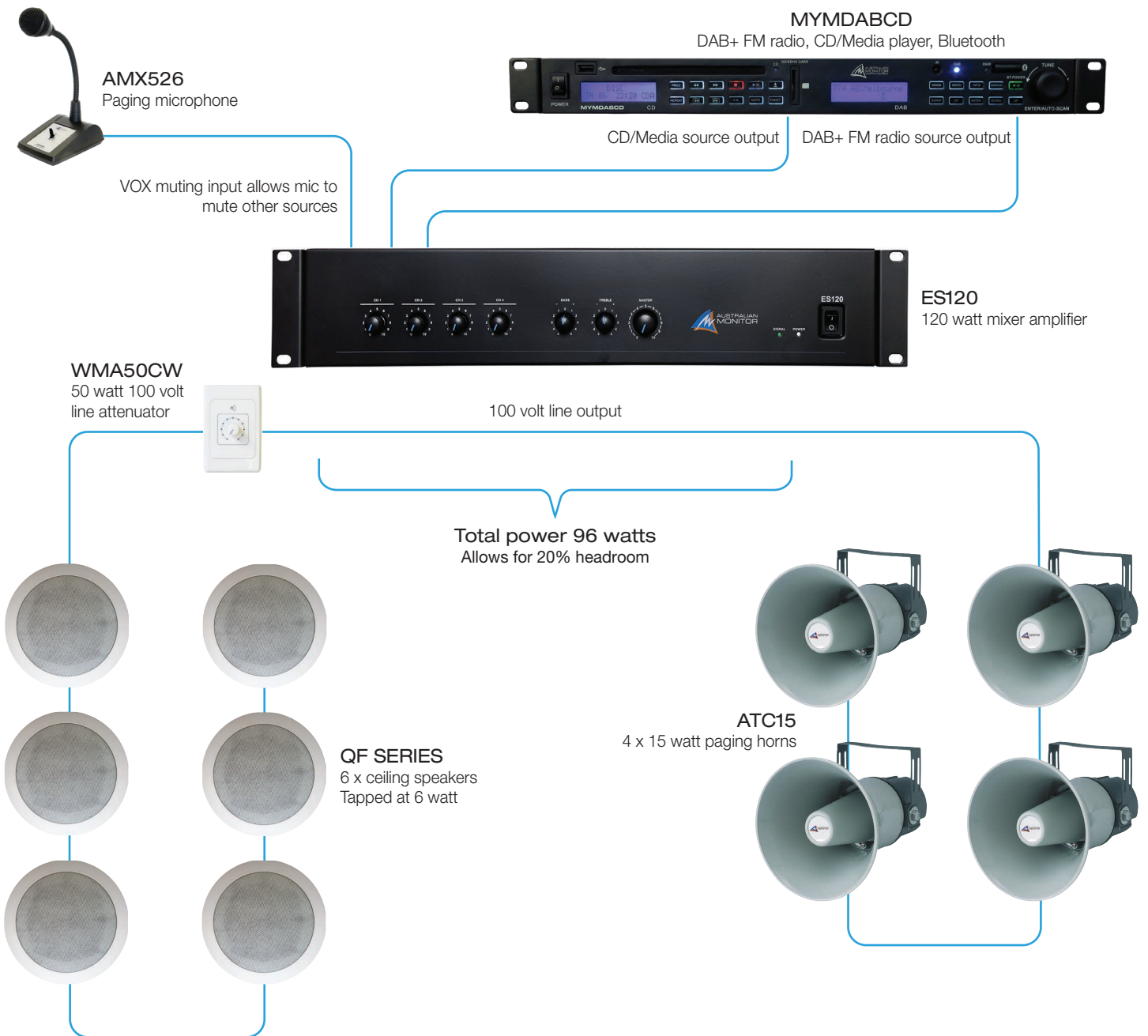
- In this example we show the **PICOBLU** being used in 4 applications that are ideal solutions for retail, bar, café installations etc.
- Background music is provided by a Bluetooth source. This can also be connected via the 3.5mm jack input on the front panel.
- Paging and announcements can be made with an **AMX526** desktop microphone connected to input 1.
- The FLEX series of box speakers are an ideal match for the **PICOBLU** with the 5 inch 2-way **FLEX30B** being shown.
- One pair of these can be set to 8 ohm and connected in parallel (providing a 4 ohm load) or up to 6 when set to 100 volt line and tapped at 3.75 watts giving a total of 22.5 watts
- Different combinations of **FLEX** speakers at different power tapping's, (including the **FLEX15B** or W and the **FLEX50B** or W) can be connected. The only important thing to watch is the total power: e.g. number of speakers x power tapping.
- The same applies with ceiling speakers, shown here are the **QF20CS** premium 4 inch 2-way ceiling speakers and the **QFC6CS** coaxial ceiling speakers.
- The **QF20CS** has a low impedance setting which is 16 ohms. This makes it nice and easy to come back to 4 ohms when 4 speakers are wired in parallel.
- The **QFC6CS** coaxial speakers are 100 volt line and therefore need to be tapped down so the total power is less than 30 watts. In the example we have shown 6 speakers tapped at 3.75 watts giving a total of 22.5 watts.

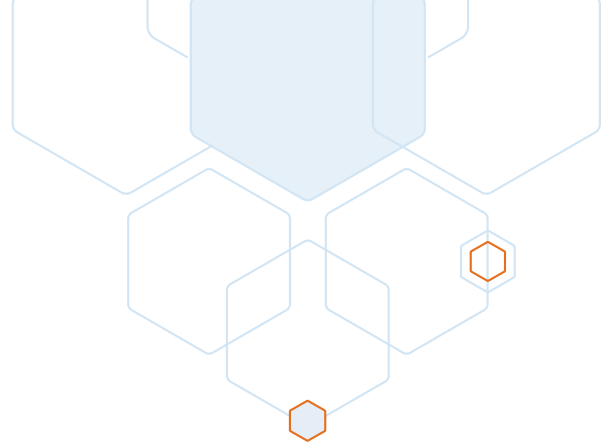
Extra features on the **PICOBLU** mixer amplifiers are,

- Line output for connection to an additional power amplifier such **ESP** or **HSP** series
- Contact closure that gives priority to the mic 1 input
- 2 other line level inputs for additional background sources




BASIC SCHOOL WITH TONES



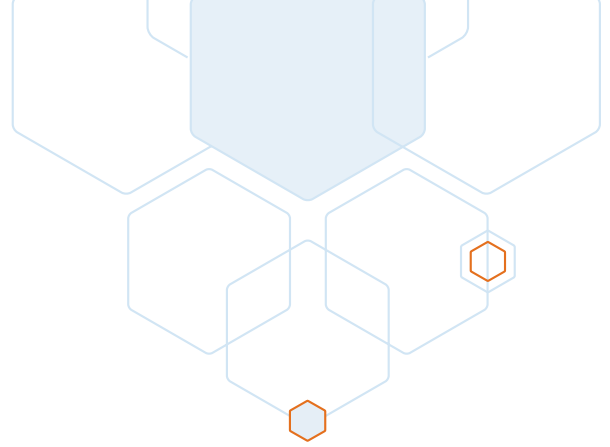


BASIC SCHOOL WITH TONES

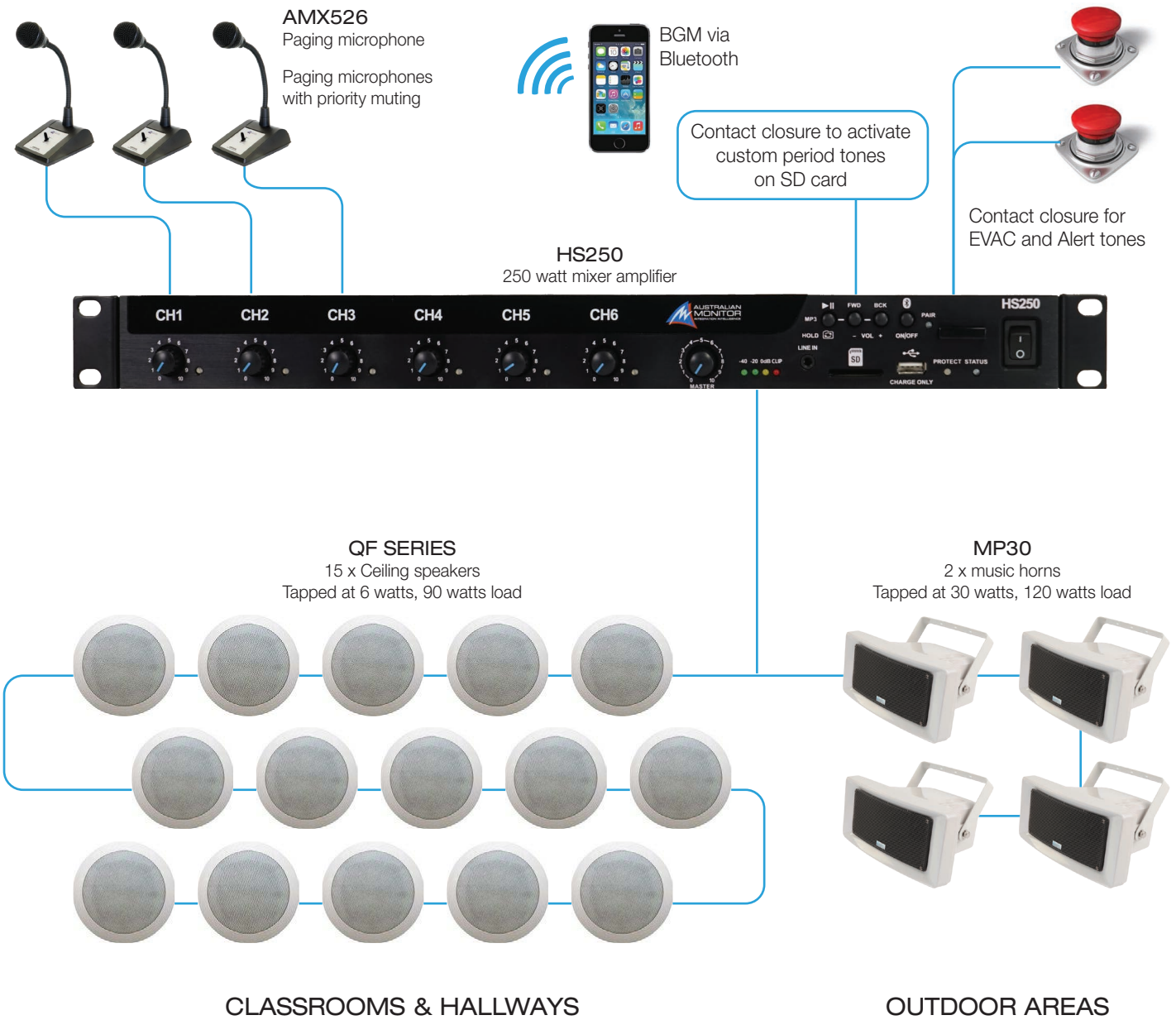
- In this example a **MYMDABCD** provides BGM (Back Ground Music) program source and an **AMX526** provides paging.
- An **ES120** from the ES Series of mixer amplifiers is used.
- The **MYMDABCD** has discrete outputs for CD/Media, DAB+/FM Radio and Bluetooth. These can each be connected to a separate input on the **ES120** Mixer Amplifier.
- When connected to the Mic 1 input the **AMX526** can have priority over the other source channels and mute them when a paging call is made.
- As shown 6 x **QF Series** ceiling speakers tapped at 6 watts are used as well as four **ATC15** paging horns tapped at 15 watts. Both of these sets of speakers are connected to the 100 Volt Line Output.
- If required, **WMA Series** attenuators can also be used to adjust the volume levels. A **WMA50CW** 50 watt attenuator is shown connected to the indoor ceiling speakers. This will allow their volume to be reduced in relation to the outside horns.
- NB. A 100 volt line attenuator will only reduce the volume level set by the master volume for the speaker run it is connected to.

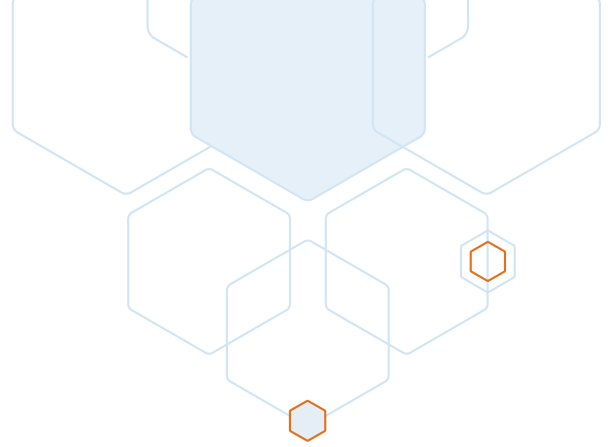
Extra features on the **ES Series** amplifiers are,

- Integrated Tone Module, Evac/Alert/Intruder/Bell/Chime (**ESMIX, ES120, ES250** only)
- 12 VDC phantom power
- Line and Record outputs
- 100 volt and 4 Ω operation



 SCHOOL WITH PAGING AND CUSTOM TONES



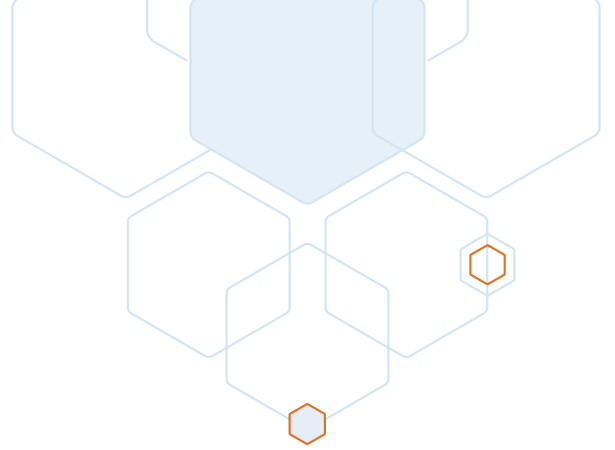


SCHOOL WITH PAGING AND CUSTOM TONES

- In this example 3 x **AMX526** paging microphones are connected to an **HS250**, 250-watt mixer amplifier, which provides paging as well as alert/ EVAC tones.
- A BGM (back ground music) source can be connected via Bluetooth as shown or via inputs 4, 5, or 6
- Each of the 3 x **AMX526** microphones has priority muting over the BGM sources.
- Inbuilt Emergency tones (Alert/EVAC/Intruder) and messages as MP3 files on a removable SD Card can be activated from either an external trigger such as an emergency button or an external timer.
- Up to 11 customised tones can be programmed into the amplifier and used for emergencies, lockdown, period change, etc.
- Emergency tones have priority over all inputs except Mic 1 which shares the same priority level as the emergency tones to allow evacuation paging to take place.
- The speakers shown are a common application requirement.
- **QF Series** ceiling speakers covering hallways and/or classrooms.
- **MP30** music horns covering the external areas such as playgrounds.
- The example shows the ceiling speakers tapped at 6 watts and the **MP30** music horns at 30 watts for a total system power of 210 watts.
- The **HS Series** range has models with 60, 120 and 250 watt outputs enabling a reasonably large system to be realised without the need for additional power amplifiers.
- If required, **WMA Series** volume attenuators (not shown) can also be used to adjust the volume levels in either the indoor or outdoor areas.

Extra features on the **HS Series** amplifiers include:

- 3 power output models – 60, 120 and 250 watts
- 9 audio input channels. 6 rear & 3.5mm line, Bluetooth and MP3
- Individual gain/equalisation control on all external audio inputs
- Magnetic cover for customer concealed eq and gain controls
- Individual channel attenuation on rear inputs
- Tamper-proof channel attenuation by disabling external volume controls
- 100 volt, 70 volt line or 4Ω operation



SMALL SHOP WITH STREAMING, PAGING AND MESSAGES



TELEPHONE PAGING
via LIU1
connected to line level input



BLUETOOTH SOURCE
connected to either MYMDABCD
or HS amplifier



BGM from SD Card
Front panel control



SD Card
message activation

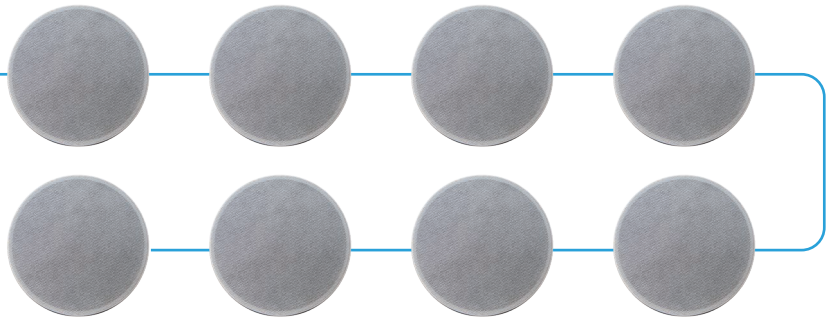


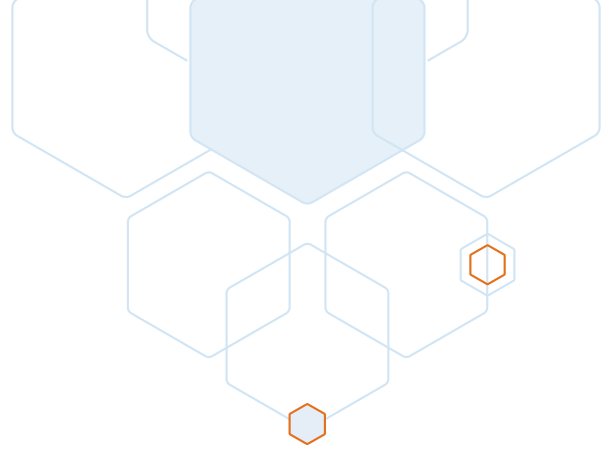
HS250
250 watt mixer amplifier



AMX526
Paging microphone

QFC6CS
8 x 6 inch coaxial speakers
Tapped at 20 watts
160 watts load



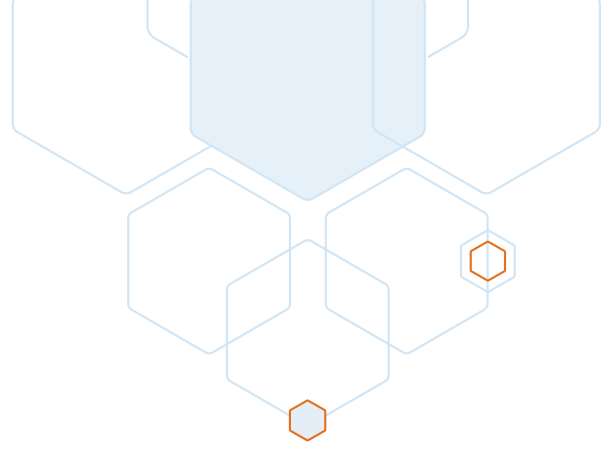


SMALL SHOP WITH STREAMING, PAGING AND MESSAGES

- In this example an **HS250** is providing local BGM (Back Ground Music) sources as well paging and streaming.
- The SD Card used with the **HS250** can contain MP3 music files as well custom messages and tones.
- These custom messages and tones (in MP3 format) can be recorded onto the removable SD Card.
- The Bluetooth receiver in the **HS250** allows streaming from a suitable portable device such as a phone or tablet.
- An **AMX526** paging microphone allows for paging with priority to the store.
- Telephone paging is also possible using a **LIU1** (Line Isolation Unit) connected to one of the line level inputs. If connected to inputs 1, 2 or 3 this can have priority over BGM inputs.
- For speakers - 8 x **QFC6CS** 6-inch coaxial ceiling speakers are shown. At 20 watts maximum power and being a true two-way speaker these are ideal for retail installations.
- Alternatively, any of the **QF** range of ceiling speakers or one of the many wall mount box speakers can also be used.
- If required, **WMA Series** volume attenuators (not shown) can also be used to adjust the volume levels in either the indoor or outdoor areas.

Extra features on the **HS Series** amplifiers include:

- 3 power output models – 60, 120 and 250 watts
- 9 audio input channels. 6 rear & 3.5mm line, Bluetooth and MP3
- Individual gain/equalisation control on all external audio inputs
- Magnetic cover for customer concealed eq and gain controls
- Individual channel attenuation on rear inputs
- Tamper-proof channel attenuation by disabling external volume controls
- 100 volt, 70 volt line or 4Ω operation



SMALL SHOP WITH PAGING, RADIO AND MEDIA SOURCES



TELEPHONE PAGING
via LIU1
connected to line level input



BLUETOOTH SOURCE
connected to either MYMDABCD
or HS amplifier



LIU1

DAB+ FM radio

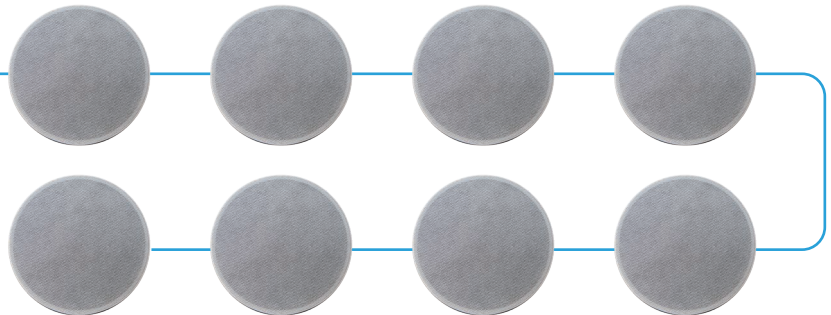
CD/Media player

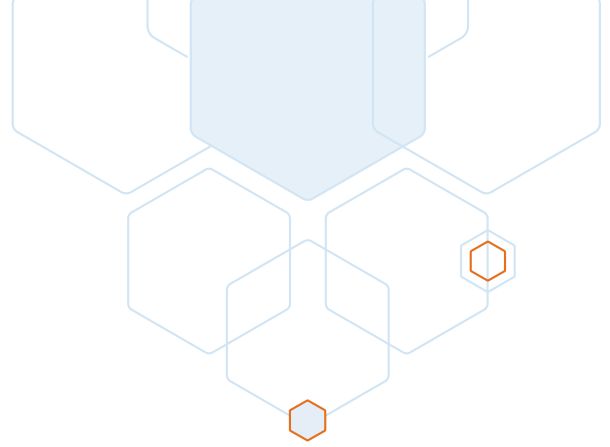
Bluetooth



AMX526
Paging microphone

QFC6CS
8 x 6 inch coaxial speakers
Tapped at 20 watts
160 watts load



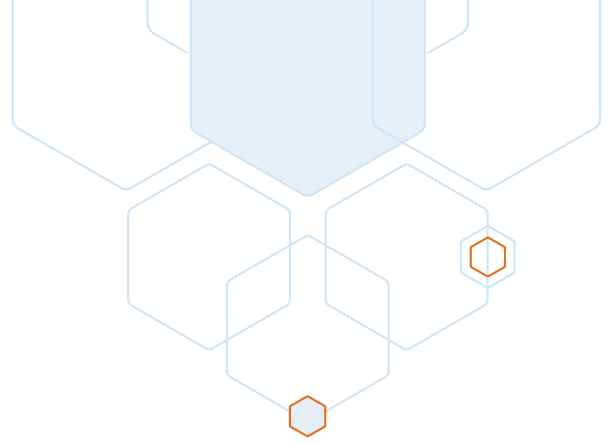


SMALL SHOP WITH PAGING, RADIO AND MEDIA SOURCES

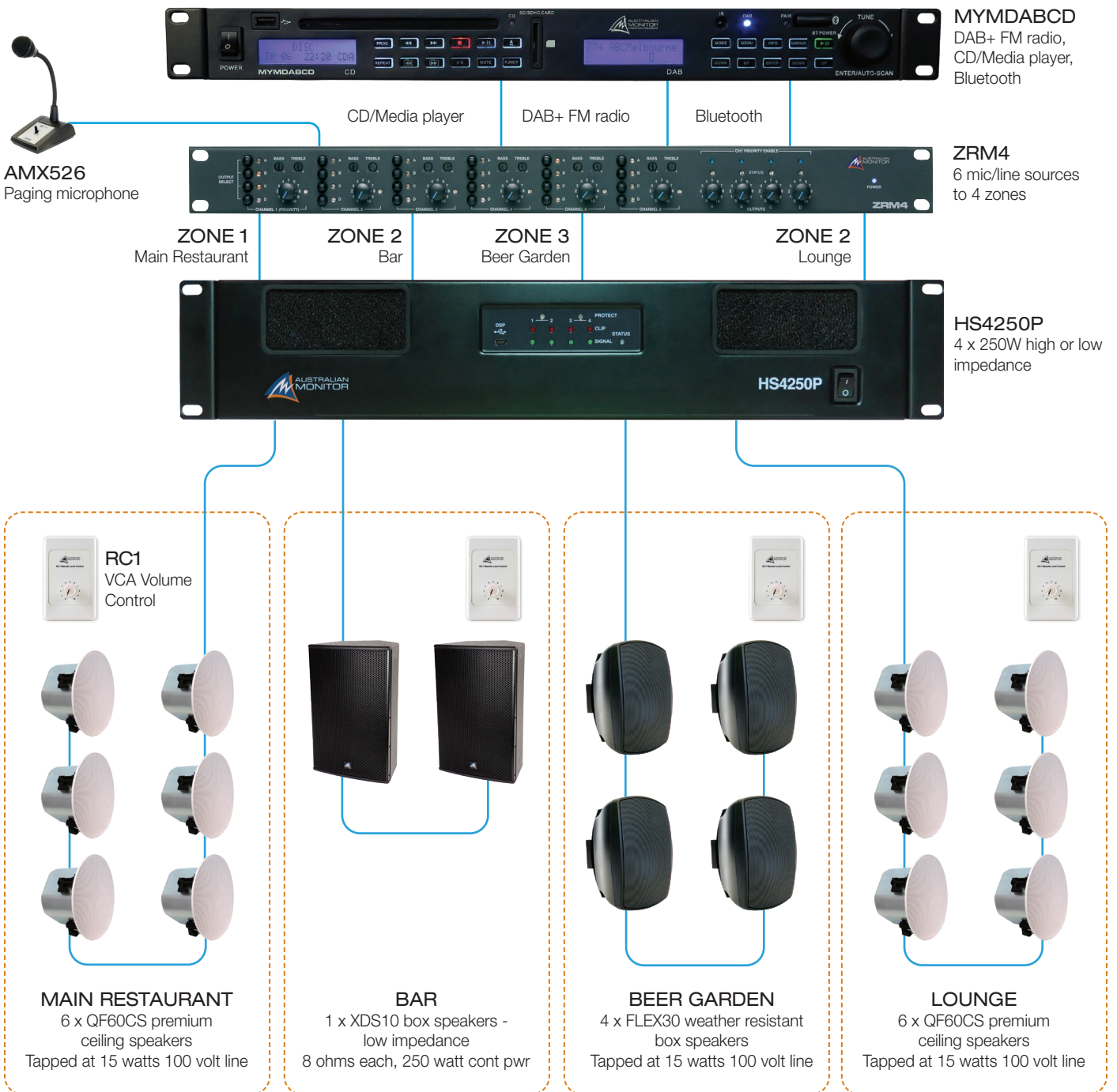
- In this example an **MYMDABCD** provides local BGM (Back Ground Music) sources.
- The **MYMDABCD** has discrete outputs for CD/Media, DAB+/FM Radio and Bluetooth. These can each be connected to a separate input on the **HS250** mixer amplifier.
- The Bluetooth receiver in the **HS250** allows streaming from a suitable portable device such as a phone or tablet.
- An **AMX526** paging microphone allows for paging with priority to the store.
- Telephone paging is also possible using a **LIU1** (Line Isolation Unit) connected to one of the line level inputs. If connected to inputs 1, 2 or 3 this can have priority over BGM inputs.
- Custom messages and tones in MP3 format can be recorded onto the removable SD Card in the **HS250** and activated by external contact closure. A custom button panel is shown in this example.
- For speakers - 8 x **QFC6CS** 6-inch coaxial ceiling speakers are shown. At 20 watts maximum power and being a true two-way speaker these are ideal for retail installations.
- Alternatively, any of the **QF** range of ceiling speakers or one of the many wall mount box speakers can also be used.
- If required **WMA Series** volume attenuators (not shown) can also be used to adjust the volume levels in either the indoor or outdoor areas.

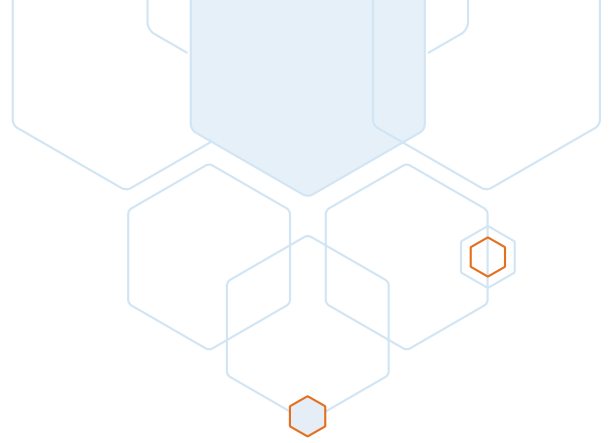
Extra features on the **HS Series** amplifiers include:

- 3 power output models – 60, 120 and 250 watts
- 9 audio input channels. 6 rear & 3.5mm line, Bluetooth and MP3
- Individual gain/equalisation control on all external audio inputs
- Magnetic cover for customer concealed eq and gain controls
- Individual channel attenuation on rear inputs
- Tamper-proof channel attenuation by disabling external volume controls
- 100 volt, 70 volt line or 4Ω operation



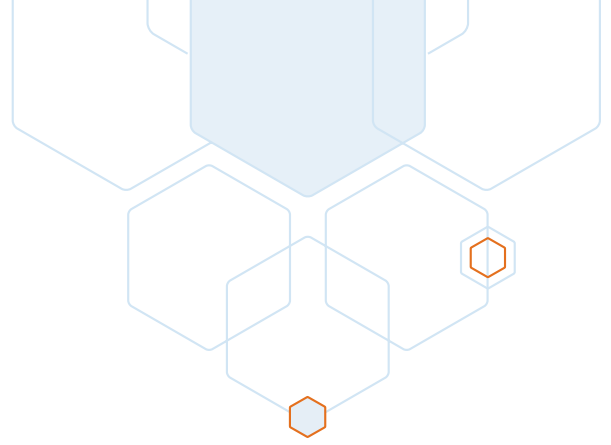
 **LARGE BAR WITH ZONING**



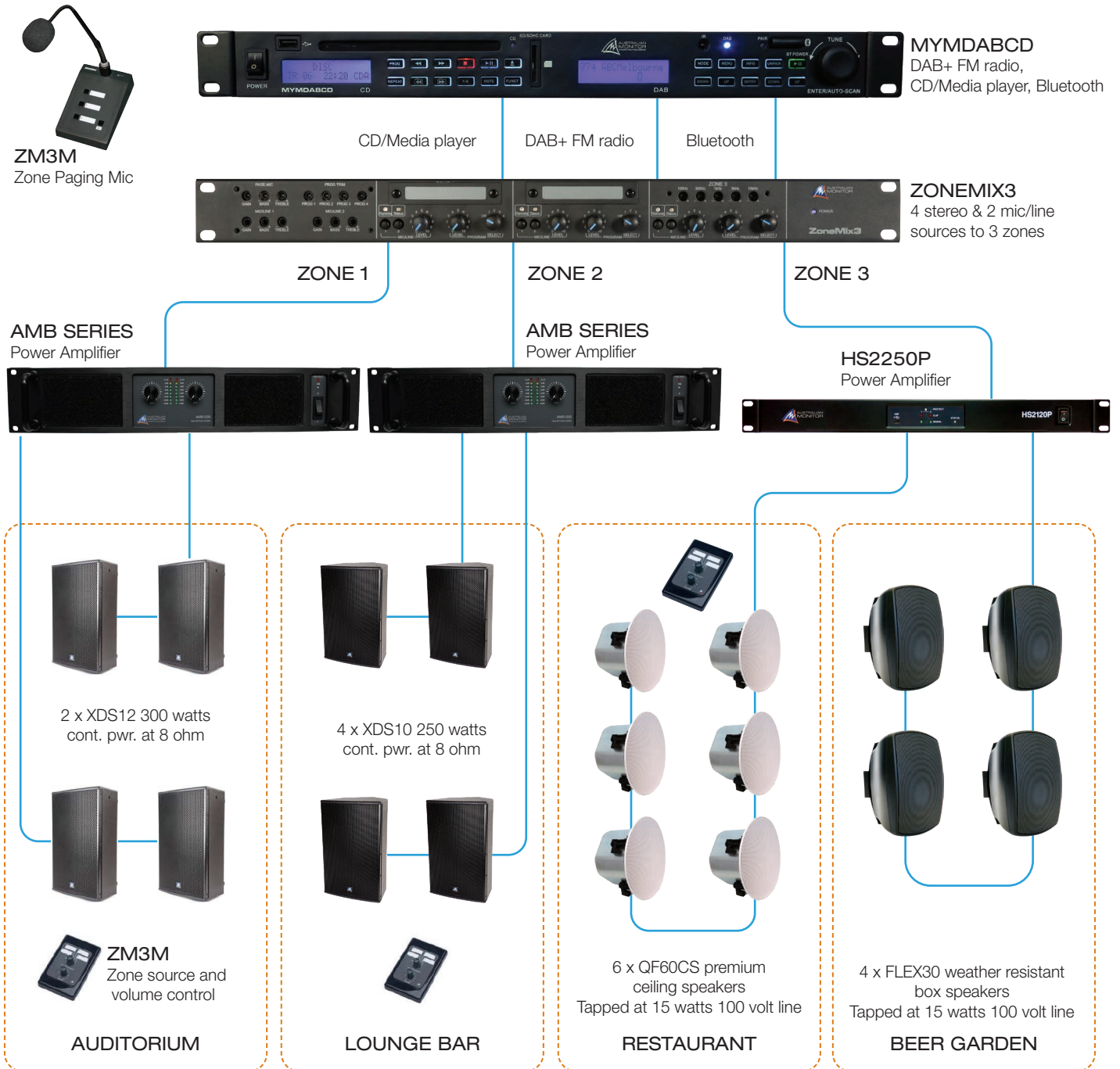


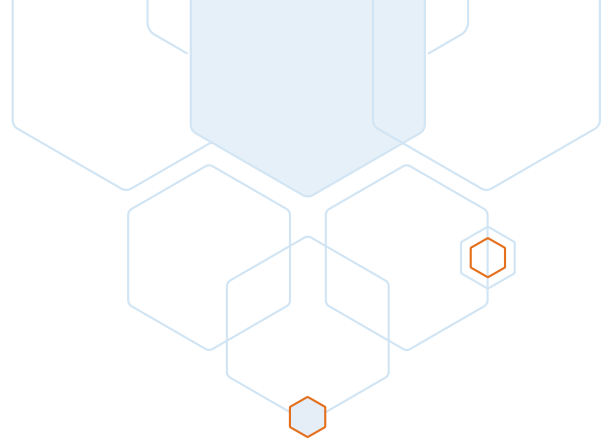
LARGE BAR WITH ZONING

- In this example an **MYMDABCD** provides BGM (Back Ground Music) program source and an **AMX526** provides paging.
- The **MYMDABCD** has discrete outputs for CD/Media, DAB+/FM Radio and Bluetooth. These can each be connected to a separate input on the **ZRM4** zone routing mixer.
- The **ZRM4** mixer allows source music from the **MYMDABCD** and local announcements from the **AMX526** paging mic to be routed to any or all of the four zones.
- From the front of the **ZRM4** each of the 6 inputs can be routed to each of the 4 zones.
- With the **AMX526** connected input 1 the paging microphone can be set to all zones or excluded from any zone if desired.
- Alternatively, paging priority can be assigned to each zone giving the **AMX526** priority over all other inputs.
- Local RC1 VCA volume controls allow the master level in each zone to be controlled separately
- Amplification is provided by the **HS4250P** 4 x 250-watt power amplifier. Each of the 4 outputs can be configured for either 100-volt line or low impedance loads.
- For speakers used in this example:
 - **QF Series** premium coaxial speakers in the main Restaurant zone are connected in 100v line configuration.
 - High powered XDS series box speakers in the Bar area. These speakers are connected to the low impedance connections on the **HS4250P** using the pass through connection on the speakers.
 - **FLEX30** weather resistant speakers in the outdoor Beer Garden, connected in 100-volt line configuration.
 - **QF Series** premium ceiling speakers in the Lounge area are also connected 100-volt line configuration.



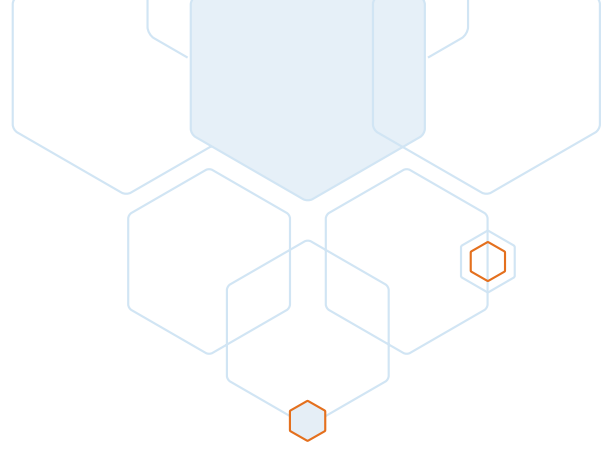
LARGE BAR WITH HIGH POWER ZONING AND PAGING



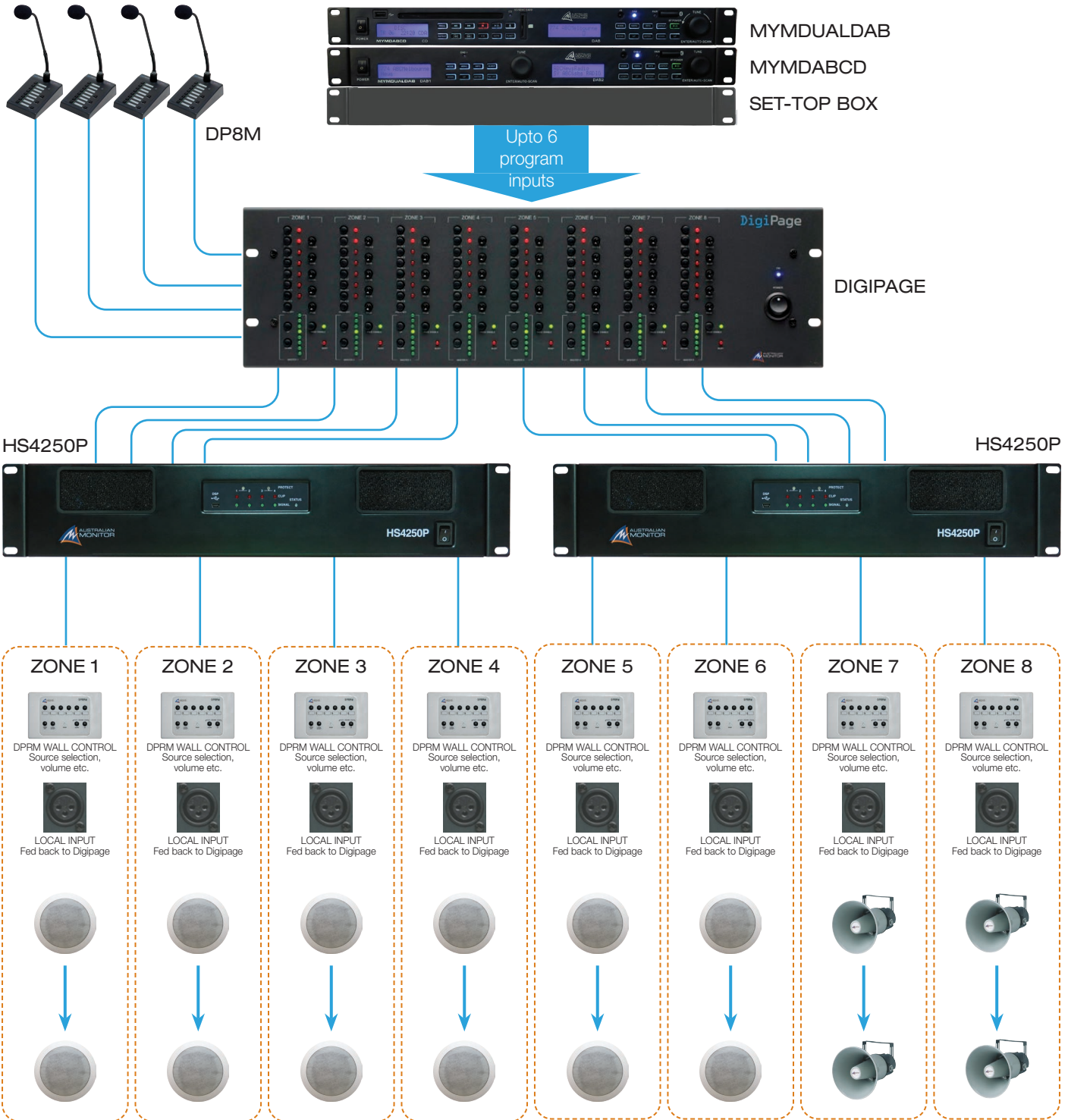


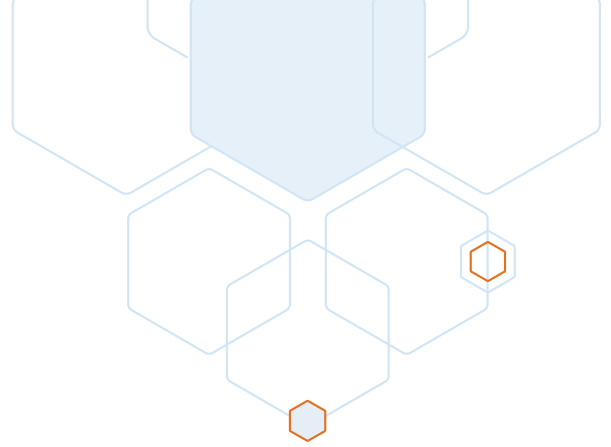
LARGE BAR WITH HIGH POWER ZONING AND PAGING

- This system is a 3 zone system with 2 high power zones and 1 BGM (Back Ground Music) level zone. The Restaurant and Beer Garden, while 2 areas are treated as 1 zone.
- In this example an **MYMDABCD** provides BGM (Back Ground Music) program source and the **ZM3M** zone paging mic provides zone paging.
- The **MYMDABCD** has discrete outputs for CD/Media, DAB+/FM Radio and Bluetooth. These can each be connected to a separate input on the **ZONEMIX3** zone routing mixer.
- The **ZONEMIX3** allows source music from the **MYMDABCD** and paging to be routed to any or all of the 3 zones.
- A feed from a mixing desk in the auditorium can be connected to the fourth channel line level input of the **ZONEMIX3**.
- From the front of the **ZONEMIX3** each of the 4, line level source inputs can be routed to each of the 3 zones. This can also be controlled from within each zone using the **ZM3R** source and volume control as shown.
- While the **ZONEMIX3** is a stereo zone mixer in this example, each of the 3 outputs are set to mono.
- The **AMB Series** power amplifiers are used to power two pairs of XDS12s which are driven in parallel mode.
- If more power is required to the Auditorium or Bar zones a second **AMB** power amplifier can be installed, using the XLR loop through connections from the first **AMB** amplifier.
- The loop through connectors on the **XDS10**'s in the bar zone allow four speakers to be easily connected in parallel to the **AMB** amplifier.
- The Restaurant and Beer Garden zones are treated as 1 zone with each area being fed by 1 channel of an **HS2250P** 2 x 250 watt power amplifier.
- The **ZM3R** in the Restaurant controls the volume level and source in both areas.



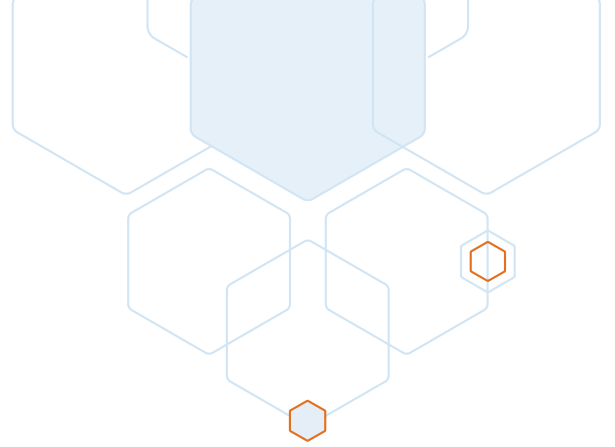
 **LARGE OFFICE / FUNCTION ROOMS**



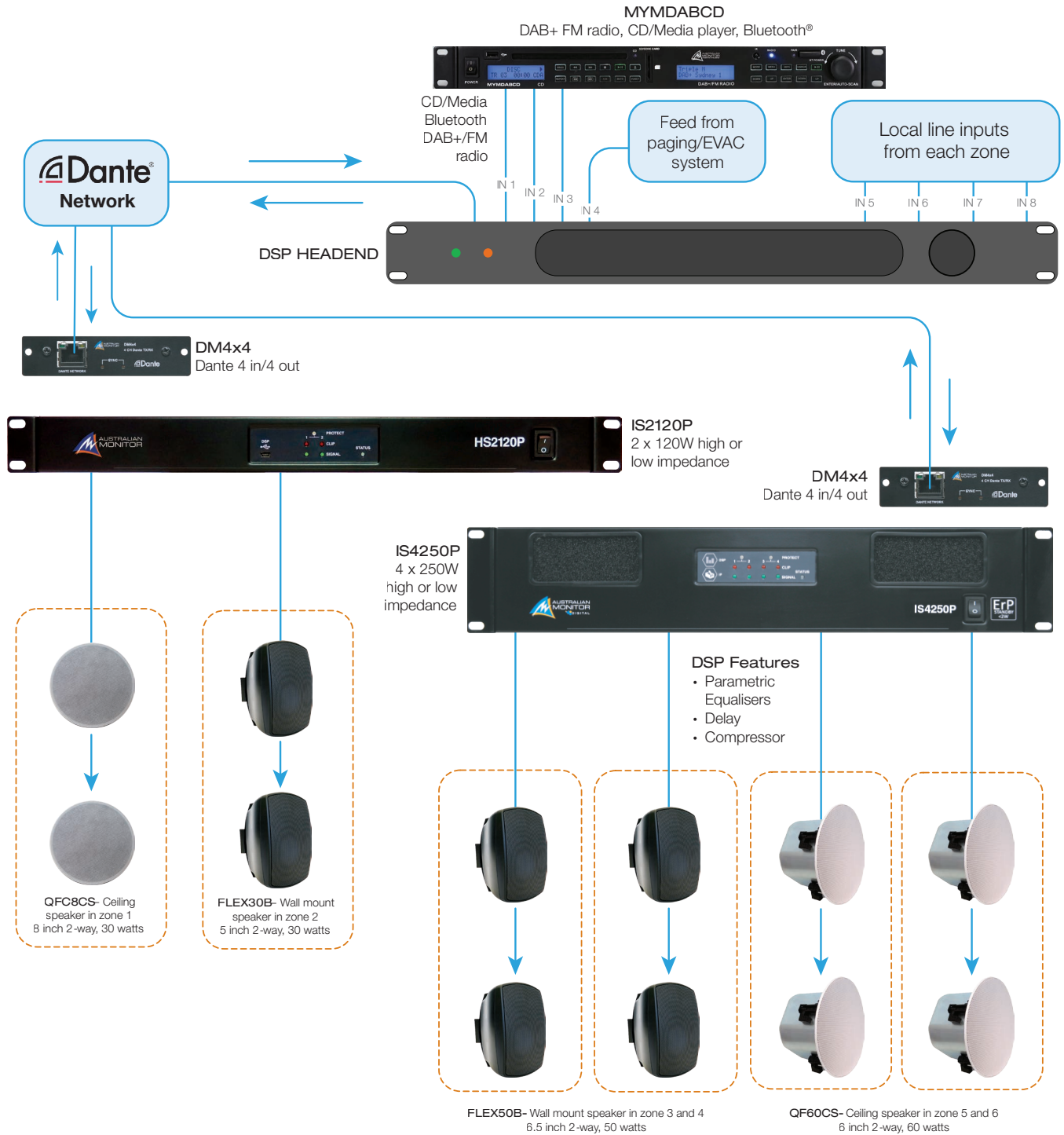


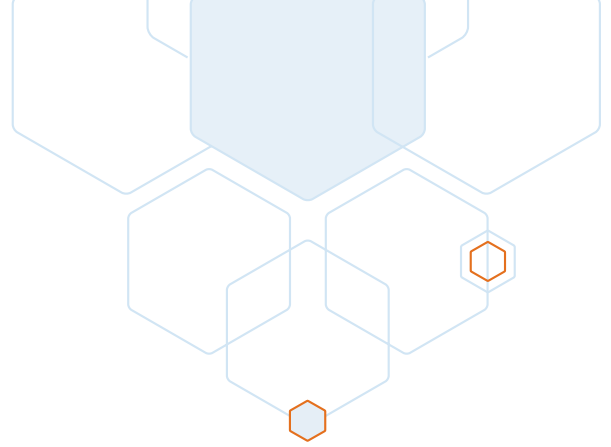
LARGE OFFICE / FUNCTION ROOMS

- In this example a **MYMDABCD** and **MYMDUALDAB** provide local BGM (Back Ground Music) sources.
- The **MYMDABCD** has discrete outputs for CD/Media, DAB+/FM Radio and Bluetooth. These can each be connected to a separate input on the **DIGIPAGE**.
- The **MYMDUALDAB** has 2 x discrete DAB+/FM Radio tuners each with a separate output. Along with Bluetooth these devices can each be connected to a separate input on the **DIGIPAGE**.
- A video source such as a digital set top box can be used for cable/TV broadcasts. Audio is routed via the **DIGIPAGE** while the video signal is routed to displays in each zone.
- The 8 zone outputs of the **DIGIPAGE** are fed to 2 x **HS4250P** (4 x 250-watt power amplifiers) which in turn power the speakers in each of the 8 zones.
- In each of the 8 zones a **DPRM** wall control panel can be used to select a BGM source for that zone. Alternatively, this can be selected on the front panel of the **DIGIPAGE**.
- Also controllable from the **DPRM** is zone volume, local and program source on/off.
- Paging is done via the **DP8RM** zone paging microphones.
- 4 x RJ45 ports (labelled CAT 5 RUN 1-4) are provided for connection to the **DIGIPAGE** zone paging stations and remote wall panels. Up to 4 x paging stations, remote panels or combinations of the 2 can be connected to each of the four CAT5 runs. Please see page 8 of the manual for details of CAT5 cable lengths.
- Each of the 8 zones can also have a local source dedicated to that particular zone. This can either connected directly to the **DIGIPAGE** in the main rack or via a local XLR socket in the actual zone as shown.
- A combination of **QF Series** ceiling speakers and paging horns are shown in the diagram. However, any combination of speakers can be used. The final choice of power amplifier will of course be dictated by the speaker selection.
- If more than 8 zones are required a second **DIGIPAGE** can be added creating a 16 x 16 zone matrix.




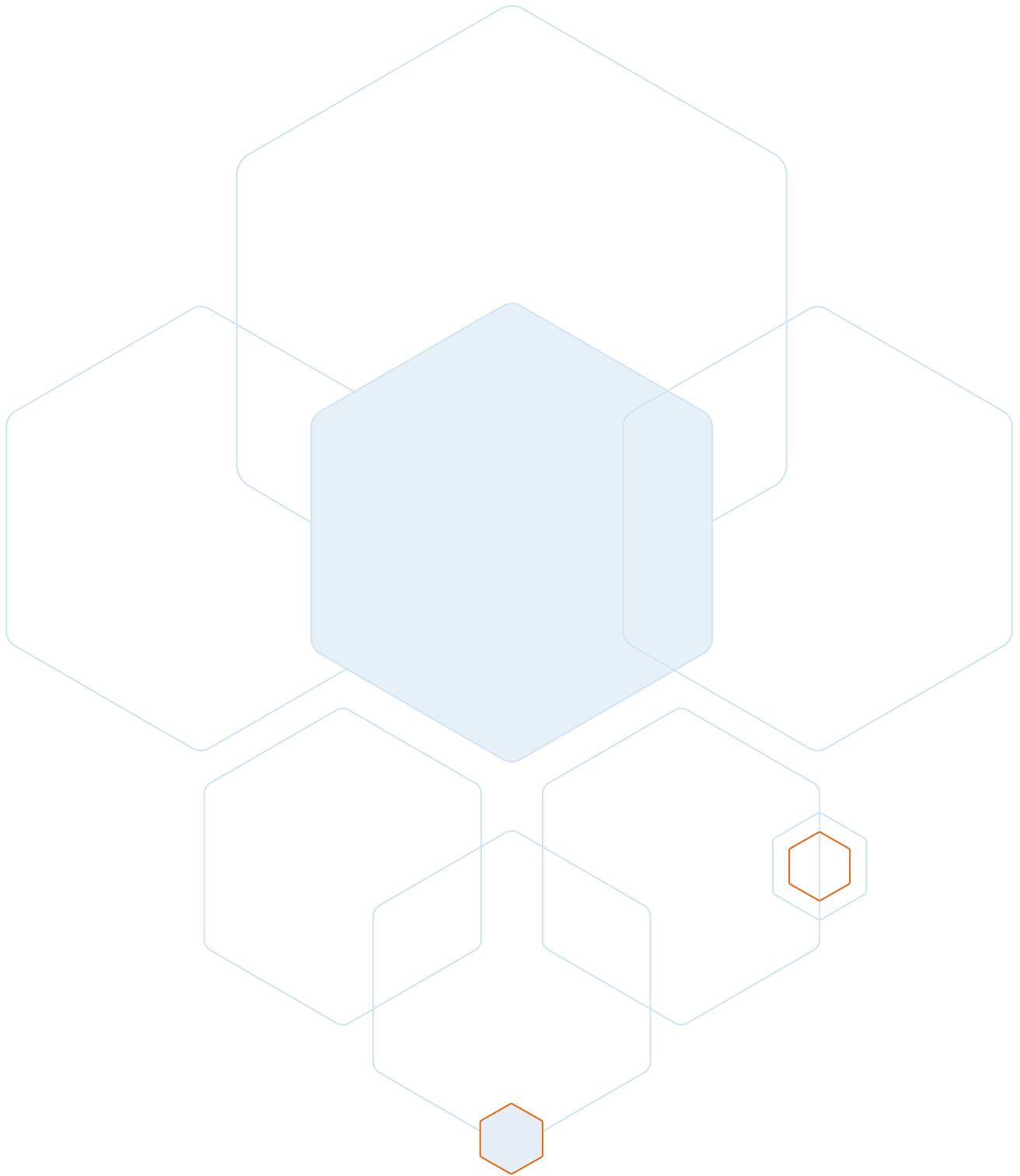
FUNCTION ROOM WITH DSP HEADEND AND DANTE®





FUNCTION ROOM WITH DSP HEADEND AND DANTE®

- In this example an **IS2120P** and **IS4250P** are used to power 6 zones using the **QFC8CS** 2-way coaxial ceiling speakers, **FLEX50B** 6.5 inch two way box speakers, **FLEX30B** 5 inch 2-way box speakers and **QF60CS** premium 6 inch 2-way ceiling speakers.
- A DSP headend is used to provide inputs from the MYMDABCD, feed from the **Paging/EVAC System** and **Local Line Inputs From Each Zone**
- The **MYMDABCD** has discrete outputs for CD/Media, DAB+/FM Radio and Bluetooth. These can each be connected to a separate input.
- Connections between the DSP headend unit and the ISP amplifiers is handled by the **DM4x4 Dante®** module installed in each amplifier.
- The **DM4x4 Dante®** allows 2-way communication between the headend unit and the **IS2120P** and **IS4250P** amplifiers.
- A Dante® network also allows inputs to be easily fed into the system from other locations in the installation as required
- While the DSP headend unit will naturally provide equalisation, matrixing etc, it is still possible to also adjust these locally in each zone using the full DSP built into ISP amplifiers
- Extra features of the ISP series of amplifiers,
 - Failover. EG if any of the inputs connected to the **DM4x4** fail the amplifier will switch to another assigned input
 - Additional 4 Analogue line inputs using expansion card **ANALOGUE4** (NB. Cannot be used with the **DM4X4**. Only one module can be installed in each ISP amplifier)
 - Fault status monitoring
 - 4 configurable GPIOs on the rear of the amplifier.
 -  **ALMA** Control software for configuration and control of the ISP amplifier



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