



COMMERCIAL & PROFESSIONAL AUDIO SOLUTIONS

Amplifiers • Speakers • Paging Solutions
Microphones • Cables
Accessories • More ...



PRODUCT CATALOGUE
JANUARY 2023

australianmonitor.com.au

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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WHAT'S NEW

ZONEMIX

ZONING • PAGING • CONTROL

The ZONEMIX solution provides a 4 or 8 zone mixing and paging solution featuring USB, Ethernet and RSR232 connectivity. Optional wall panel accessories include 3 controller models, a Bluetooth receiver, and a mic/line level input.



The ZMPS paging station can also be included, with each ZONEMIX unit supporting up to 16 stations.

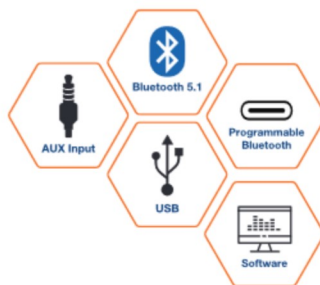
A PC application allows for setup and control of the ZONEMIX and customisation of the wall panels and paging stations.

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WPBT

Bluetooth Wall Panel System

- The WPBT is a Bluetooth receiver wall panel with the following features:
- Bluetooth® 5.1 Receiver
 - 3.5mm Aux input
 - Bluetooth media controls
 - **Programmable** name, PIN and security features via Bluetooth PC Control Software



WP BREAKOUT

The WP-BREAKOUT is an audio breakout box which easily provides power to and receives audio from, up to two wall panels.



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BLUETOOTH 5.1 UPDATE

For the PICOBLUv2, HS60v2, HS120v2, HS250v2, HSMIXv2



Now featuring programmable Bluetooth 5.1 module allowing customisation of the broadcast name, PIN number and various security features.

The Bluetooth PC control software can be freely downloaded from the Australian Monitor website. Simply connect it to a PC using the USB-C connector on the PICOBLUv2 or an SD card for the HS series and program the name, PIN, security, and audio features.



VOLUME CONTROL WALL PANELS

- The VC range of products
 - VC-LIN and VC-LOG VCA volume controls
 - VC10, 25, 50, 100 100 volt line volume controls with built in relay.
 - Now compatible with standard HPM(RTM) VIVO(TM) wall plates.



NEW AUDIO INPUT WALL PANELS



WPML
Balanced Audio
Input Wall panel



WPXLR
Neutrik XLR Line
level wall panel



WP2XLR
Neutrik 2x XLR
Line level wall
panel



WPTLOCK
Neutrik speakON
wall panel



WPBT
Bluetooth 5.1
Audio Input Wall
panel

MIXER AMPLIFIERS

ENTRY LEVEL HIGH/LOW IMP.

PICOBLU _{v2} ®	1 x 30 watts - 3 inputs
ES60	1 x 60 watts - 4 inputs
ES120	1 x 120 watts - 4 inputs
ES250	1 x 250 watts - 4 inputs

MID LEVEL HIGH/LOW IMP.

HS60 _{v2}	1 x 60 watts - 9 inputs
HS120 _{v2}	1 x 120 watts - 9 inputs
HS250 _{v2}	1 x 250 watts - 9 inputs

PREMIUM LEVEL HIGH/LOW IMP.

AMD200	1 x 200 watts - 12 inputs
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POWER AMPLIFIERS

ENTRY LEVEL HIGH/LOW IMP.

ES120P	1 x 120 watts
ES250P	1 x 250 watts
ES480P	4 x 80 watts
ES2120P	2 x 120 watts
ES500P	1 x 500 watts

HIGH POWER HIGH IMP.

SY400V	2 x 200 watts 100V
SY800V	2 x 400 watts 100V

LOW IMP. DUAL CHANNEL

AMB600	2 x 300 watts 4/8Ω
AMB1200	2 x 600 watts 4/8Ω
AMB1600	2 x 800 watts 4/8Ω

CONVECTION COOLED

AV2-2P	2 x 200 watts 4/8Ω
AV2-4P	2 x 400 watts 4/8Ω

MULTI CHANNEL HIGH/LOW IMP. USB/RS232 CONTROLLED

HS120P	1 x 120 watts
HS250P	1 x 250 watts
HS2120P	2 x 120 watts
HS2250P	2 x 250 watts
HS4120P	4 x 120 watts
HS4250P	4 x 250 watts

ETHERNET CONTROLLED

IS2120P	2 x 120 watts
IS2250P	2 x 250 watts
IS4120P	4 x 120 watts
IS4250P	4 x 250 watts

CEILING SPEAKERS

EVAC HIGH IMP.

ATC5101-6	4 in twin cone 5 watts
ATC5010-6	8 in twin cone 5 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

QF SERIES COAXIAL HIGH IMP.

QFC5CS	5 in coaxial 10 watts
QFC6CS	6 in coaxial 20 watts
QFC8CS	8 in coaxial 30 watts

QF SERIES PREMIUM HIGH/LOW IMP.

QF20CS	4 in 2-way 20 watts
QF60CS	6.5 in 2-way 60 watts
QF80CS	8 in 2-way 80 watts

CABINET SPEAKERS

AMPAV SERIES POWERED

AMPAV30 (B/W)	5 in 3-way 15 watts
AMPAV40 (W)	5 in 3-way 20 watts

FLEX SERIES HIGH/LOW IMP.

FLEX15 (B/W)	4 in 2-way 15 watts
FLEX30 (B/W)	5.25 in 2-way 30 watts
FLEX50 (B/W)	6.5 in 2-way 50 watts

XRS SERIES STANDARD LOW IMP

XRS8B	8 in 2-way 100 watts
XRS10B	10 in 2-way 250 watts
XRS12B	12 in 2-way 300 watts

XRS SERIES W/RES HIGH/LOW IMP

XRS60DVB	6 in 2-way 60/80 watts
XRS80DVB	8 in 2-way 75/100 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

XDS SERIES STANDARD LOW IMP.

XDS8	8 in 2-way 100 watts
XDS10	10 in 2-way 250 watts
XDS12	12 in 2-way 300 watts



MIXER SELECTION GUIDE

	ESMIX	MX61	MX82	HSMIX _{v2}
INPUTS				
Total Qty	4	6	8	9
Stereo line	X	X	4	6
Mono mic/line	4	6	4	6
Bluetooth	X	X	X	1
SD Card	X	X	X	1
3.5 mm jack	X	X	X	1
OUTPUTS				
Mono Line	√	√	X	√
Stereo	X	X	√	√
Direct Channel Out	X	X	√(chs 1-4 only)	X
Record	√	√	√	√
Headphone	X	√	√	X
Auxiliary	X	X	X	X
Bus Selection	X	X	X	X
PRIORITY MUTING				
Included	√	X	X	√
Via Module (See note)	NA	AMMUTE ¹ or AMMUTE ³ ²	2 x AMMUTE ¹ or 2 x AMMUTE ³ ²	NA
PHANTOM POWER				
Global	√	X	X	X
Individual	X	√	√(chs 1-4 only)	√
TONE CONTROL				
Treble	√	√	√	√
Mid	X	√	X	√ ⁵
Bass	√	√	√	√
Parametric EQ	X	X	X	X
EVAC/ALERT TONES				
Included	√	X	X	√
Via Module	X	AMTONE ³	AMTONE ³	X
VCA VOLUME CONTROL				
Included	X	X	X	√
Via Module	X	AMVCA ⁴	2 x AMVCA ⁴	X
POWER REQUIREMENT				
24 VDC	√	√	√	X
240 VAC	X	√	√	√
DIMENSIONS				
Height	1RU	1RU	1RU	1RU
Weight	2.5kg	2.75kg	2.8kg	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
5. HSMIX Midrange tone control on master only



MIXER AMPLIFIER SELECTION GUIDE

	PICOBLU _{v2} [®]	ES60	ES120	ES250	HS60 _{v2}	HS120 _{v2}	HS250 _{v2}
	30 watts	60 watts	120 watts	250 watts	60 watts	120 watts	250 watts
INPUT							
Mic/Line	1 Mic/Line, 2 Line	4	4	4	9	9	9
Phantom Power	12 VDC	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	
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
SY800V	√	X	X	2	400	√	X	X	X	X	X	X	X
AV2.2P	√	X	X	2	100	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

100 VOLT LINE MIXER AMPLIFIERS

PICOBLU_{v2}[®]



- 30W Mixer Amplifier
- 3.5mm Front Jack/RCA line level
- Line Output
- 3 Channel Mixer
- **Programmable** Bluetooth 5.1
- External mute contact closure
- XLR Microphone Input/RCA line level
- 100V and 4Ω outputs
- Optional rack mount brackets. Rack and under counter mountable

PICOBLU_{v2}[®] Mixer Amplifier. 30W. 3 inputs. 100V & 4Ω outputs.

PICO-RMK Rack mount kit for PICOBLU_{v2}

PICO-DMK Desk mount kit for PICOBLU_{v2}

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_{v2} 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)
- Programmable **Bluetooth** 5.1 receiver via USB-C,
 - Broadcast Name, PIN Number, Security Features
- Tamper-proof channel attenuation by disabling external volume controls
- Signal, Status, Clip Protection indicators
- Clip/Thermal/Short and Under/Over voltage protection

HS60_{v2} 60 watt class D mixer amplifier, 9 inputs, 100V, 70V & 4Ω outputs.

HS120_{v2} 120 watt class D mixer amplifier, 9 inputs, 100V, 70V & 4Ω outputs.

HS250_{v2} 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_{v2} MIXER AMPLIFIER

HS60_{v2} • HS120_{v2} • HS250_{v2}



The HS_{v2} series is Australian Monitor's mid-range Class D mixer amplifiers, delivering high quality audio reinforcement in 60, 120 and 250 watt options, all in a one rack unit package.

The HS_{v2} now includes an upgraded and programmable Bluetooth v5.1 module allowing customisation of the broadcast name, PIN number and various security features.

Key Features

**60W
120W
250W**
Power
Options

- 4 Ohm / 70V and 100V outputs
- Class D amplifier stage



Priority

- Priority mute control on channels 1-3, with level and time release control



Inputs/Outputs

- 9 audio input channels.
> 6 rear Mic/Line Inputs
> 3.5mm front Jack
> Bluetooth® and MP3/WAV Player



Tone
Generator

- Embedded tone generator for bell/alert/evac/chime/ intruder plus 11 fully customisable user tones

**MP3/
WAV**
Player

- Embedded MP3/WAV player via onboard SD card socket – supporting random, sequenced and single playback

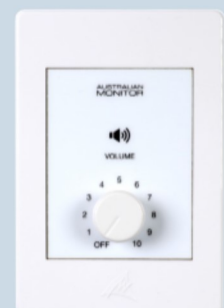


Control

- Individual gain/equalisation control on all external audio inputs
- Magnetic cover for customer concealed eq and gain controls
- Tamper-proof channel attenuation by disabling external volume controls

OPTIONAL ACCESSORY

Remote volume control via optional wall panel (VCA)



VC-LIN

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

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

SY800V Power Amplifier. 2 x 400W @ 100V

DISCOVER THE ADVANTAGES OF THE **ZONEMIX SOLUTION**



ZONING  PAGING  CONTROL



A Multi Zone Audio Mixer
A Paging Solution
With Scheduling
and Control

The ZONEMIX solution provides a 4 or 8 zone mixing and paging solution featuring USB, Ethernet and RSR232 connectivity.

Optional wall panel accessories include 3 controller options, a Bluetooth receiver, and a line level input.

The ZMPS paging station can also be included, with each ZONEMIX unit supporting up to 16 stations.

A PC application allows for setup and control of the ZONEMIX and customisation of the wall panels and paging stations.

Key Features



- Allows any of the shared sources to be sent to any zone
- Adjust input and output volume levels
- Output Mode: ZONEMIX4 – Stereo/Mono
ZONEMIX8 – Mono
- Input and outputs can be renamed for easy identification



- Each Output Zone
 - High or low pass filters
 - Bass and treble tone control
 - Compressor or limiter
 - Delay (ZONEMIX4)



- Built-in evac, alert, intruder bell and chime tones
- Activated from contact closures on rear panel or scheduler
- Can be customised via SD card



- Master Override
- Configurable multi level priority
 - Paging
 - Scheduler
 - Built in tones
 - Pre-recorded messages
 - Audio inputs 1, 2, 6 and Local



- Messages triggered from the scheduler or rear GPI inputs
- Messages stored on SD Card (not included) via the front panel.
- Supports WAV format



- Trigger global or zone presets, GPO outputs, tones and pre-recorded messages
- Recurrence options for daily, weekly, set periods
- Supports multiple messages per day



- ZONEMIX4 - 4 general purpose inputs and outputs
- ZONEMIX8 - 8 general purpose inputs and outputs
- Inputs trigger messages, presets, muting and activate master override
- Outputs indicate paging and priority status



- Support up to 16 paging stations
- Programmable buttons for zone and group paging
- Trigger pre-recorded announcements from paging station or wall panels

Software designed for complete control



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_{v2}



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
- Programmable Bluetooth 5.1 receiver via SD card
 - Broadcast Name, PIN Number, Security Features
- Tamper-proof channel attenuation by disabling external volume controls

HSMIX_{v2} 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

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)
VC-LIN	Linear Attenuator. Clipsal 2000 style wall plate/volume control, 500 KΩ. Suits AMD200, ISP Series
VC-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

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

VC-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)

ZONEMIX4 & ZONEMIX8



- The ZONEMIX solution provides a 4 or 8 zone mixing and paging solution featuring USB, Ethernet and RS232 connectivity.
- Optional wall panel accessories include 3 controller models, a Bluetooth receiver, and a mic/line level input.
- The ZMPS paging station can also be included, with each ZONEMIX unit supporting up to 16 stations.
- A PC application allows for setup and control of the ZONEMIX and customisation of the wall panels and paging stations.

ZONEMIX4 4 local inputs, 4 mono/stereo zone outputs

ZONEMIX8 8 local inputs, 8 mono zone outputs

WP10, WP4R, WPVOL, WPBT, WPXLR & ZMPS



WP10



WP4R



WPVOL



WPBT



WPML



ZMPS

- **WP10 - 10 Button Control**
 - 10 programmable buttons
 - 3 Rear contact closure outputs
- **WP4R - 4 Button and Volume Control Knob**
 - 4 programmable buttons
 - Volume control knob
 - 3 rear contact closure outputs
- **WPVOL - Volume Control**
 - Volume control knob
 - Level Indication and mute
- **WPBT - Bluetooth Receiver**
 - Bluetooth® 5.1 Receiver
 - 3.5mm Aux input
 - Bluetooth media controls
 - Name, PIN configurable
 - Software Setup
- **WPML - MIC/Line Input**
 - Stereo Balanced XLR Mic or Line
 - 24V Phantom Power
 - Stereo RCA
 - 3.5mm Aux Input
- **ZMPS - Paging Station**
 - Programmable Buttons
 - Pre-recorded message playback
 - Integrated limiter
 - Support for up to 16 Paging stations

WP10 10 programmable buttons, 3 rear contact closure outputs

WP4R 4 programmable buttons, volume control knob, 3 rear contact closure outputs

WPVOL volume control knob, level indication and mute

WPBT Bluetooth® 5.1 Receiver, 3.5mm Aux input, Bluetooth media controls, name & PIN configurable, Software setup

WPML Stereo balanced XLR Mic or Line, 24V phantom power, stereo RCA, 3.5mm Aux input, portrait or landscape

ZMPS Programmable buttons for zone and group paging, pre-recorded message playback, integrated limiter to guarantee voice clarity, support for up to 16 paging stations

ATTENUATORS & TRANSFORMERS

VC10	Attenuator. 10W, 10 step, 100V TX on Clipsal 2000 plate with relay
VC25	Attenuator. 25W, 10 step, 100V TX on Clipsal 2000 plate with relay
VC50	Attenuator. 50W, 10 step, 100V TX on Clipsal 2000 plate with relay
VC100	Attenuator. 100W, 10 step, 100V TX on Clipsal 2000 plate with relay
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
VC-LIN	Linear Attenuator. Clipsal 2000 style wall plate/volume control, 500 KΩ. Suits AMD200, ISP Series
VC-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)



VC10

SOURCES

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

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.

WPXLR, WP2XLR, WPTLOCK



- Euroblock plug cable termination - WPXLR, WP2XLR
- Euroblock screw type termination - WPTLOCK
- Neutrik branded connectors
- Compatible with HPM VIVO wall plates
- Landscape and portrait orientation

WPXLR

Neutrik XLR line level wall panel

WP2XLR

Neutrik 2x XLR Line level wall panel

WPTLOCK

Neutrik speakON wall panel

WPBT



WPBT-W



WPBT-B



- The Australian Monitor WPBT audio receiver is a programmable Bluetooth® 5.1 audio receiver wall panel.
- Featuring front panel media controls, pairing and source selector buttons as well as a 3.5mm auxiliary input for wired devices.
- The WPBT can be programmed using free downloadable Bluetooth Control software to modify the broadcast name, PIN number and various security features.

- Key Features
 - Bluetooth 5.1 Receiver
 - 3.5mm Aux Input
 - Balanced audio output. Stereo or mono mode
 - USB - C programming connector
 - RS485 Comms Port

WPBT-W Bluetooth® 5.1 Receiver, 3.5mm Aux input, Bluetooth media controls, name & PIN configurable, software Setup. White

WPBT-B Bluetooth® 5.1 Receiver, 3.5mm Aux input, Bluetooth media controls, name & PIN configurable, software Setup. Black

MICROPHONES

ESSENTIAL & COMMERCIAL SERIES MICROPHONES



AMSLIMG



AMHEAVYG



AMX526



AMX100WP



IMGC450

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

IMGC450 INCLUDED ACCESSORIES

- Isolated shock mount
- Windssock

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

IMGC450 450 mm gooseneck microphone with condenser cardioid capsule & shockmount

LOUDHAILERS

HANDHELD 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



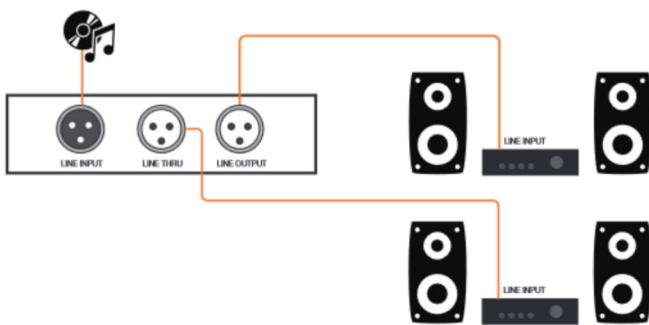
LH25P Loudhailer. 25W, includes siren tone generator

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

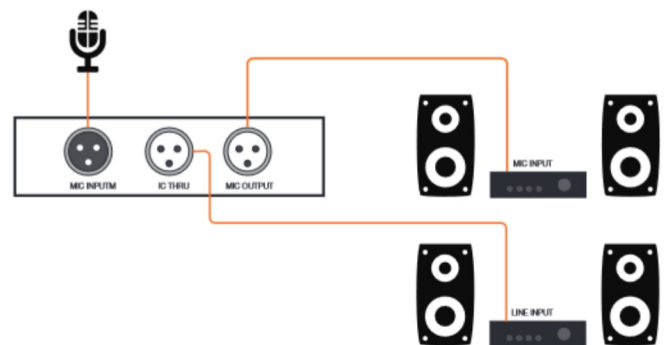
CONTRACTOR TOOLS



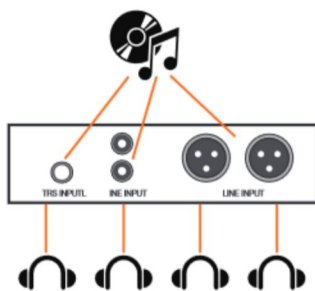
LET'S SPLIT (L)
BALANCED LIVE LEVEL SPLITTER



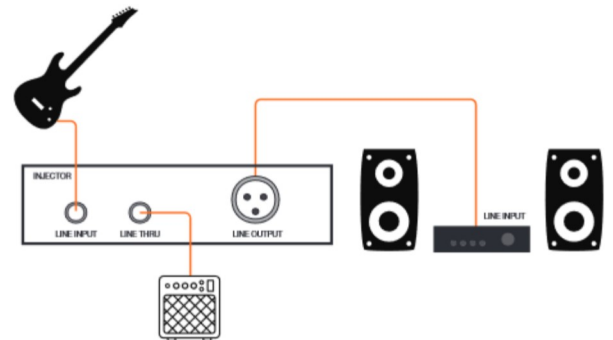
LET'S SPLIT (M)
MICROPHONE LEVEL SPLITTER



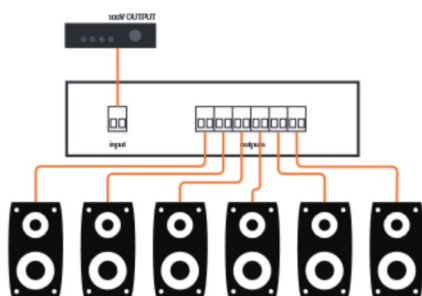
MULTI CAN
4 CHANNEL HEADPHONE AMPLIFIER



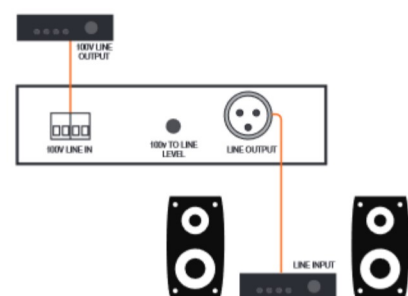
THE INJECTOR
PASSIVE DI BOX



ZONED OUT
SPEAKER ZONE SELECTOR



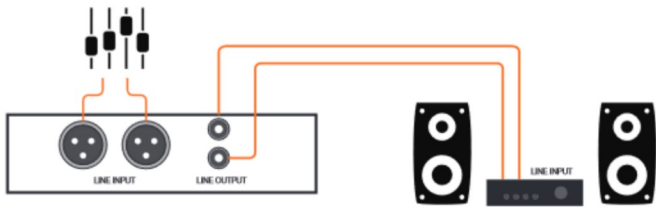
DROP ME
100V LINE CONVERTER



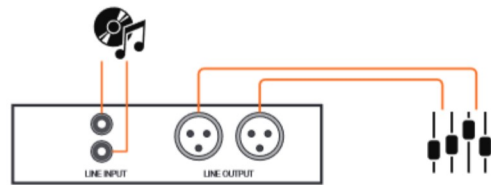
◻ SPLITTERS
◻ CONVERTERS
◻ MIXERS
◻ ISOLATION &
 PHANTOM POWER



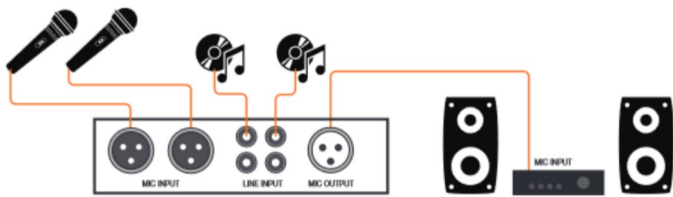
GET DOWN
 BALANCED TO UNBALANCED
 STEREO CONVERTOR



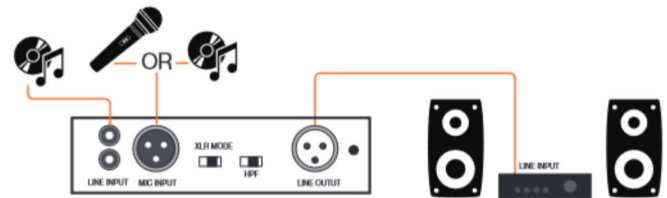
GET UP
 UNBALANCED TO BALANCED
 STEREO CONVERTOR



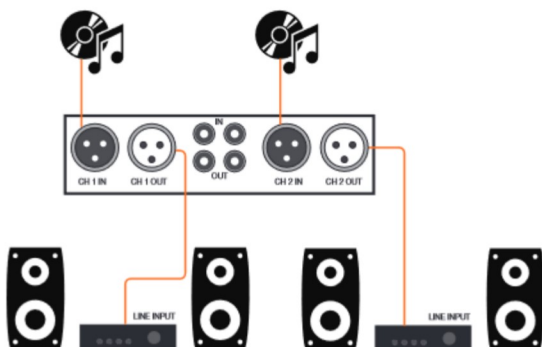
MIXED UP
 4 CHANNEL PASSIVE MIXER



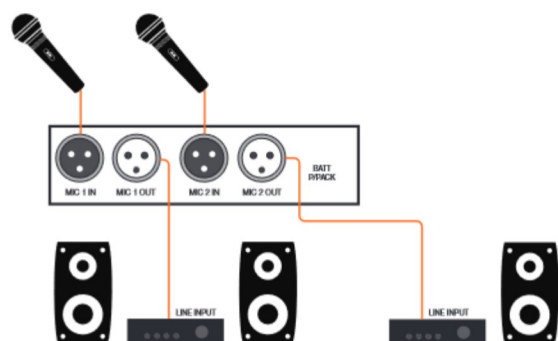
PRE ME
 MICROPHONE PREAMP





























BUZZ OFF
 HUM ELIMINATOR



JUICED UP
 PHANTOM POWER SUPPLY



BUZZOFF			Dual channel hum eliminator. Featuring both balanced XLR and unbalanced RCA inputs and outputs per channel.
DROPME			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.
LETSPLIT(L)			Line level splitter with balanced XLR line level input. Transformer balanced XLR output and thru XLR output. Ground lift switch
LETSPLIT(M)			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. Front panel gain control.
WPBREAKOUT			Wall Panel Power and Audio Breakout. +24V DC is provided to the wall panels and the wall panel balanced audio is converted into unbalanced audio for connection into any audio system.
ZONEDOUT			Six Zone Speaker Selector. One 100V speaker input, six 100V speaker outputs with push button switches.



SPEAKERS

HORNS & DRIVERS



SH10

SH15

SH30

LHF16

LHF16K

LHD35, 60

MP30

SH10	Horn. 10W with 100V Taps 10, 5, 2.5, 1.25W & 8Ω. Fitted with supervisory capacitor. IP66 rated
SH15	Horn. 15W with 100V Taps 15, 7.5, 3.75, 1.87W & 8Ω. Fitted with supervisory capacitor. IP66 rated
SH30	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
LHF16	Horn flare. Circular aluminium, 41cm dia, use with HDT35 or HDT60 horn driver
LHF16K	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.



SPEAKERS CONT.

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, pubs, 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



SPEAKERS CONT.

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



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

SPEAKERS CONT.

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 moulded 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



SPEAKERS CONT.

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



SPEAKERS CONT.

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



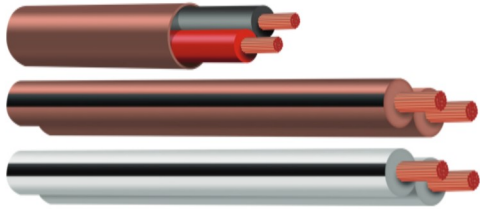
CONNECTORS & ADAPTORS

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
 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
 WPML	Neutrik stereo mic/line wall panel
 WPXLR	Neutrik XLR line level wall panel
 WP2XLR	Neutrik 2x XLR Line level wall panel
 WPTLOCK	Neutrik speakON wall panel
 ATC6411	Wall Plate with 1 x XLR-3Fv
 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

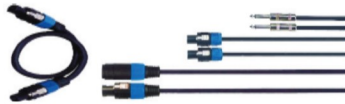
LEADS, LOOMS & MULTICORES

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)

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)

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

SIGNAL LEADS



MODEL	DESCRIPTION
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)

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
ATC401	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



ATC401



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
ATC1250	Microphone clip, spring loaded
ATC1260	Microphone clip, rubber type





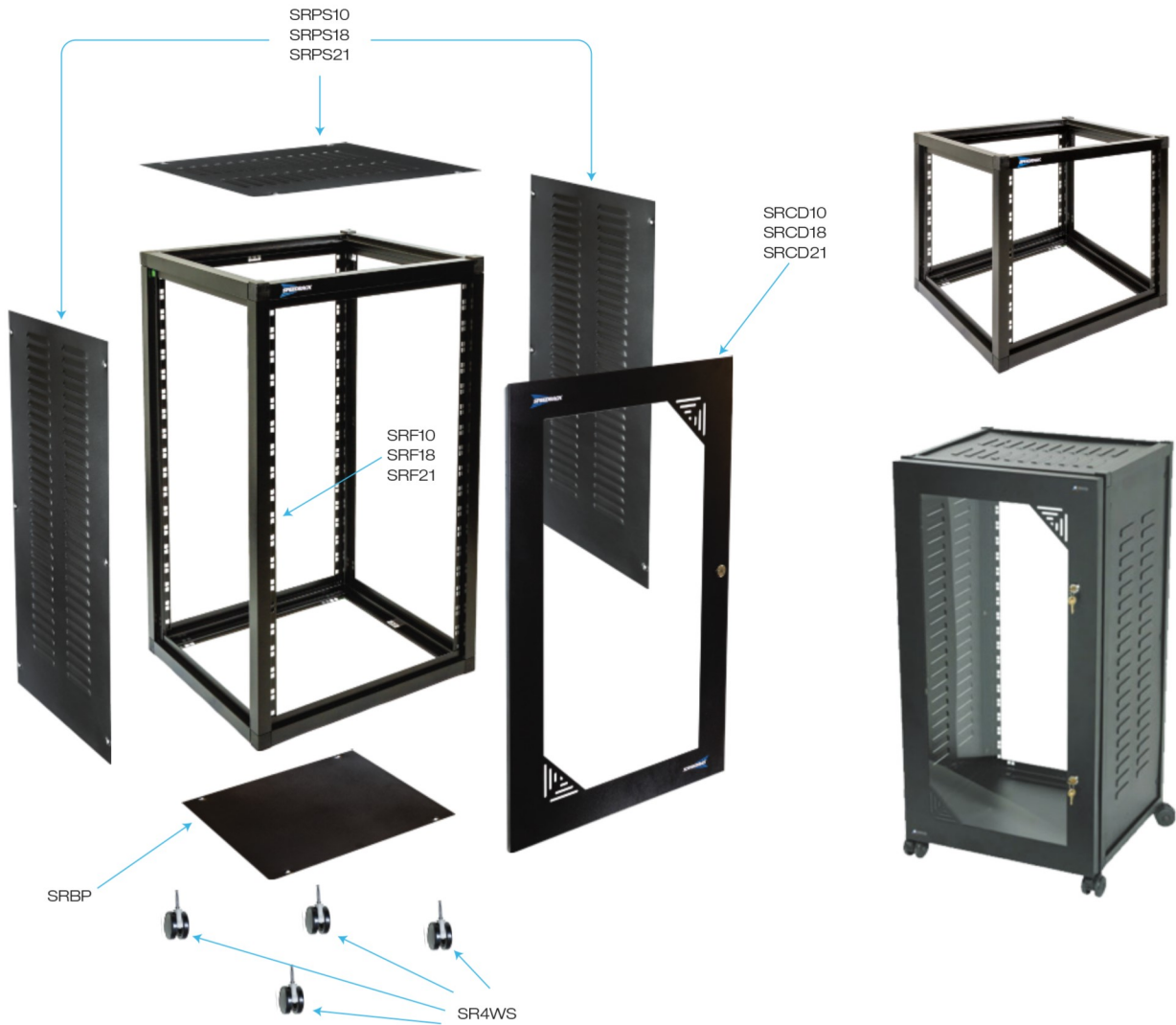
INTEGRATOR SERIES



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


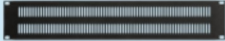

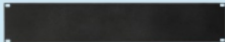
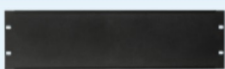
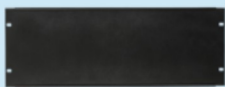

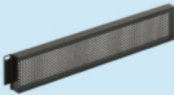
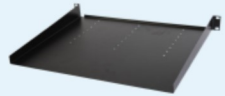
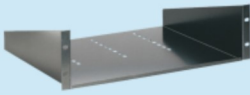




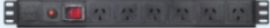


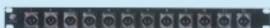




SPEEDRACK SERIES

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

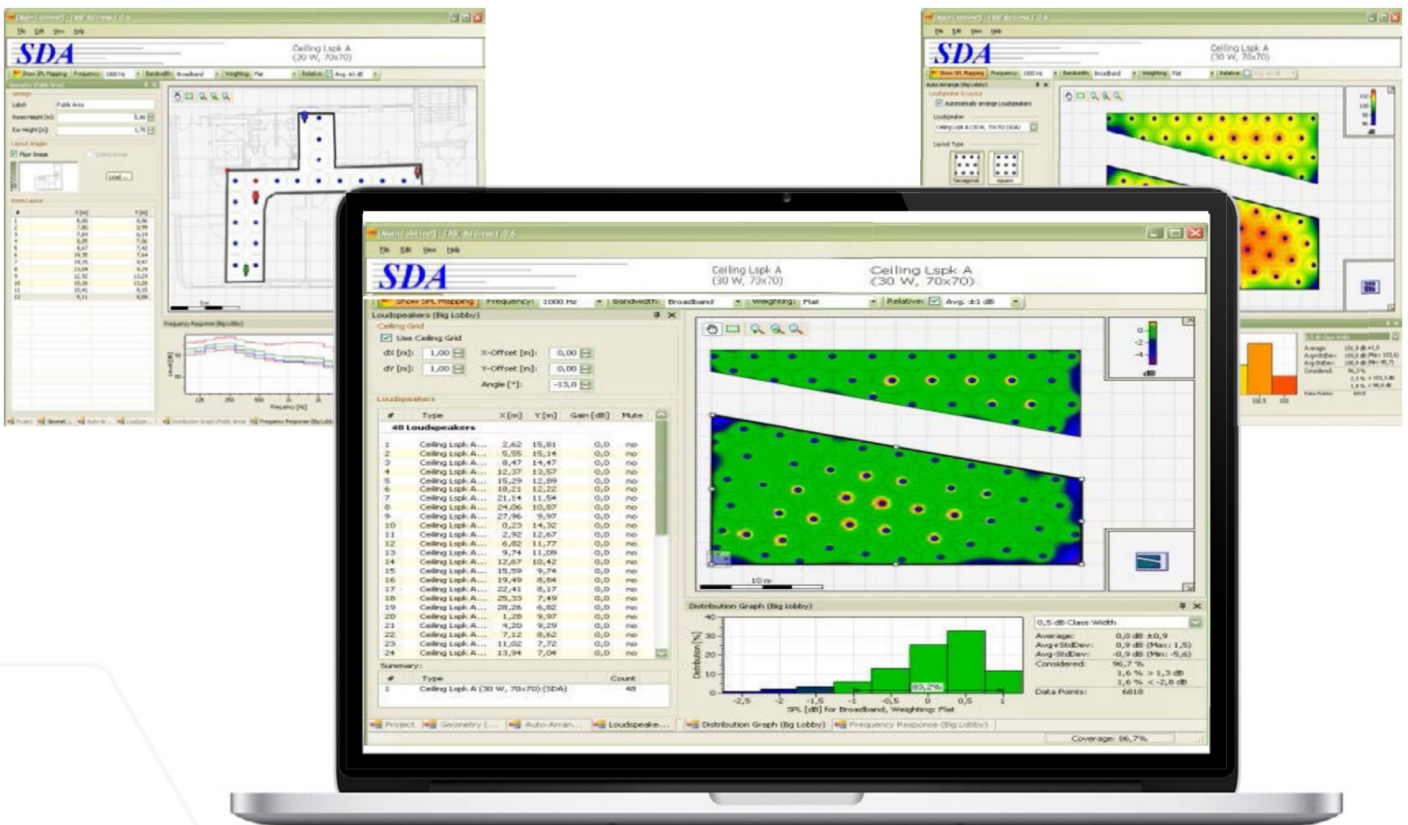
EASE ADDRESS

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.

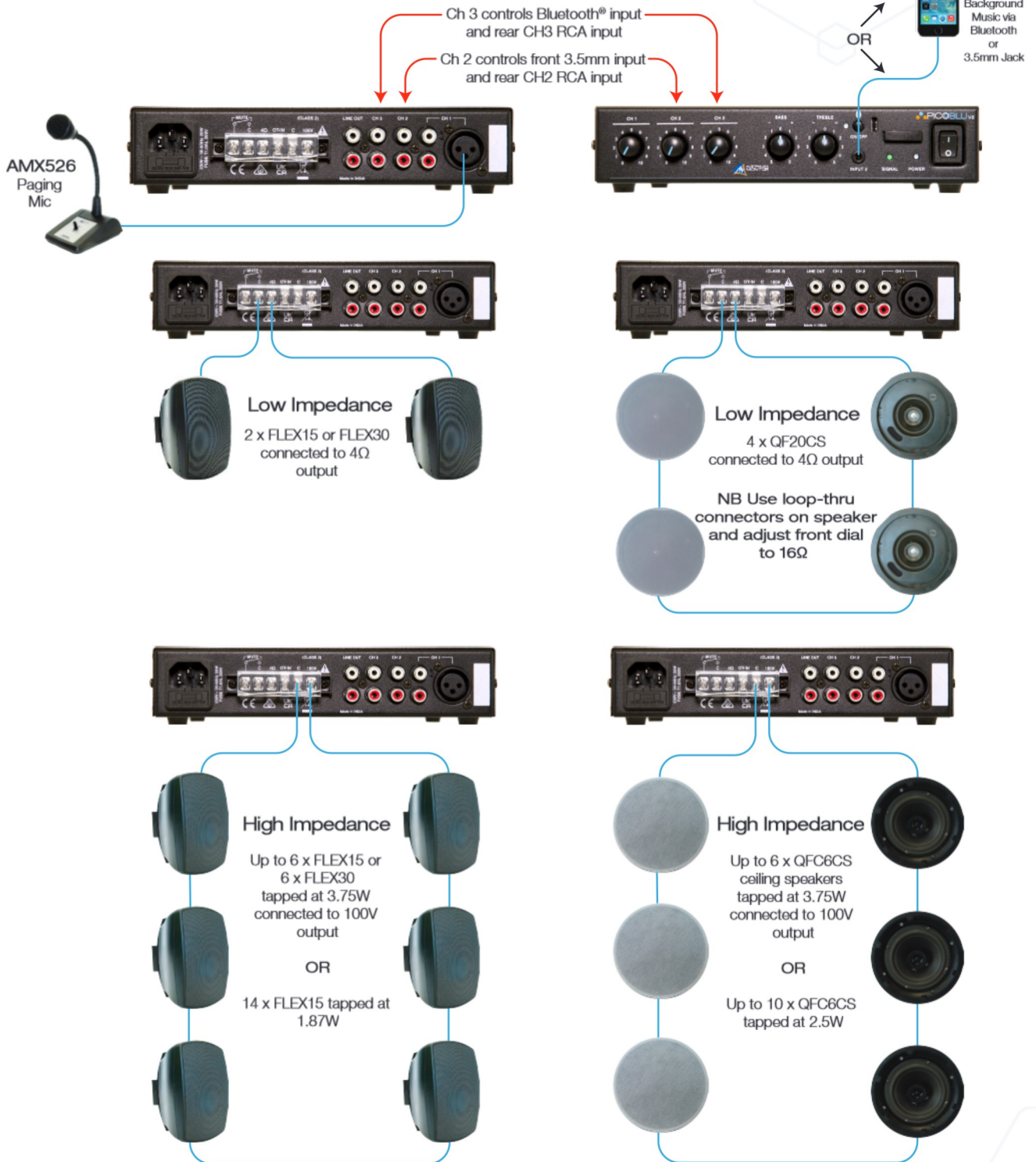


EASE® Address is a free program which allows the modelling of distributed loudspeaker systems in two dimensions. Performance of a ceiling speaker in a space can be determined quickly and easily. It is ideal for situations where a quick analysis of a project is needed without committing to a full EASE®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

SAMPLE APPLICATIONS

- 38** SMALL SHOP WITH PAGING
- 40** BASIC SCHOOL WITH TONES
- 42** SCHOOL WITH PAGING AND CUSTOM TONES
- 44** SMALL SHOP WITH STREAMING, PAGING AND MESSAGES
- 46** SMALL SHOP WITH PAGING, RADIO AND MEDIA SOURCES
- 48** LARGE BAR WITH ZONING
- 50** LARGE BAR WITH HIGH POWER ZONING AND PAGING
- 52** LARGE OFFICE / FUNCTION ROOMS
- 54** FUNCTION ROOM WITH DSP HEADEND AND DANTE

SMALL SHOP WITH PAGING





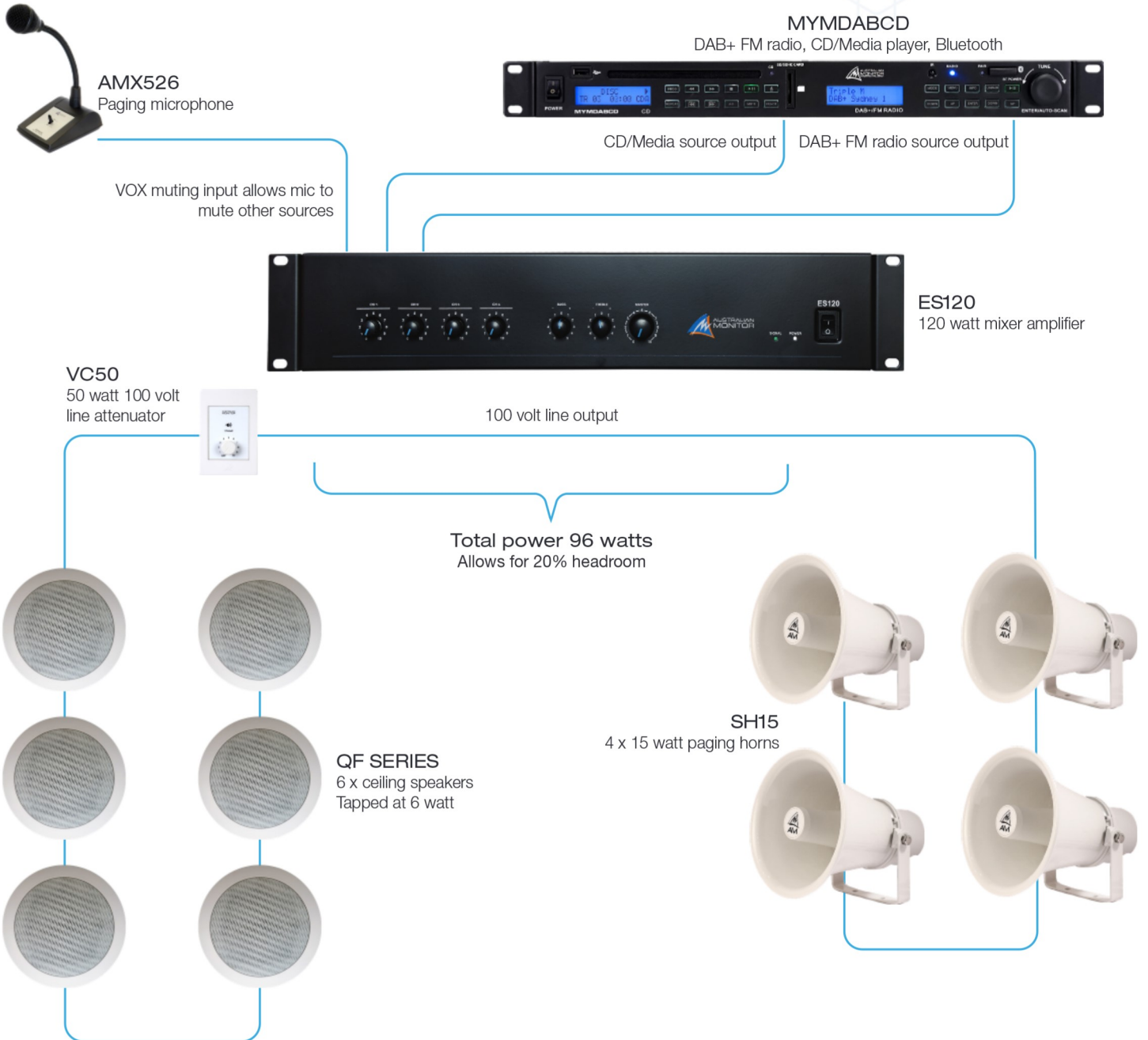
SMALL SHOP WITH PAGING

- In this example we show the **PICOBLU_{v2}** 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_{v2}** 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_{v2}** 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**





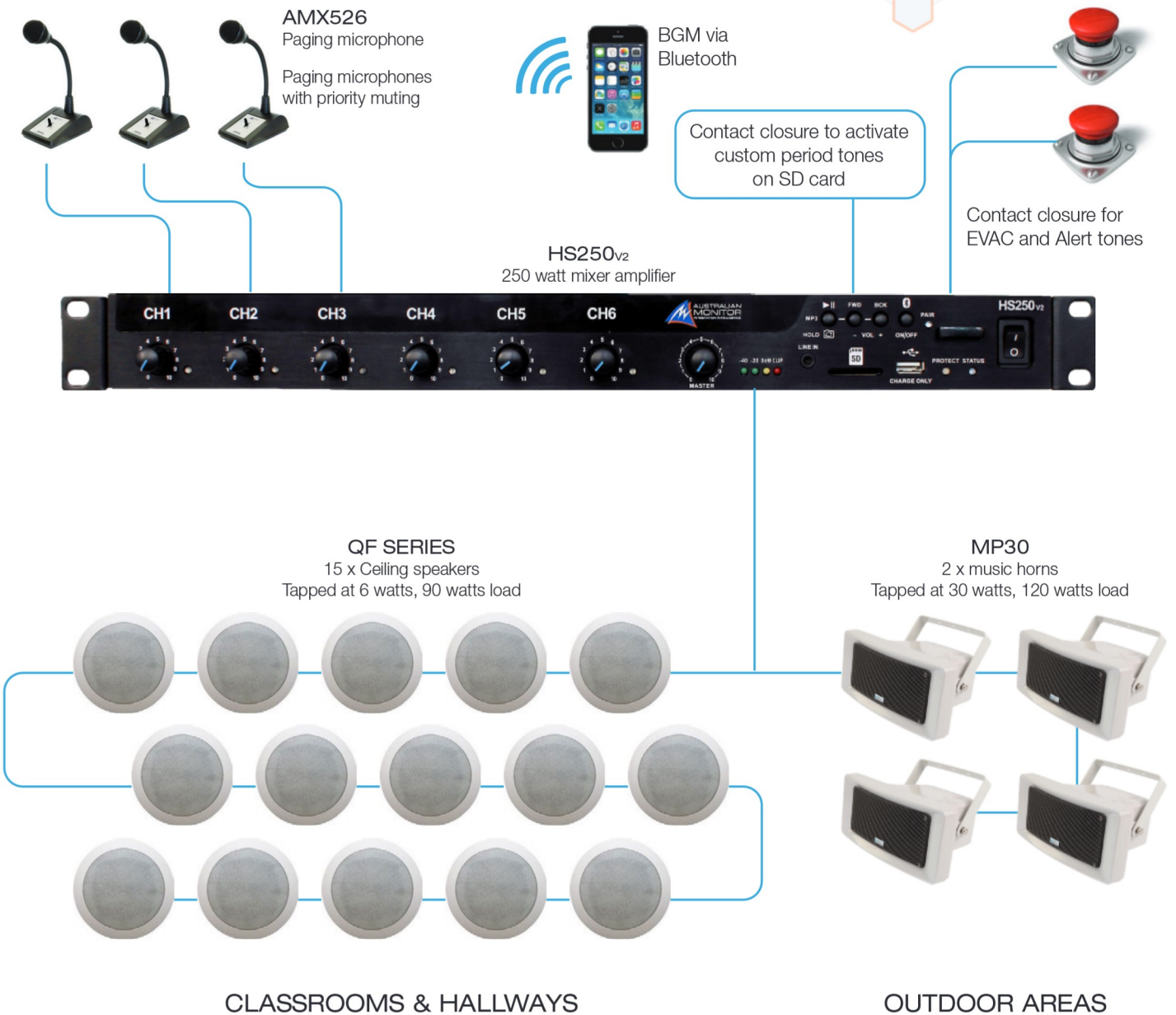
BASIC SCHOOL WITH TONES

- 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 4Ω operation

SCHOOL WITH PAGING AND CUSTOM TONES



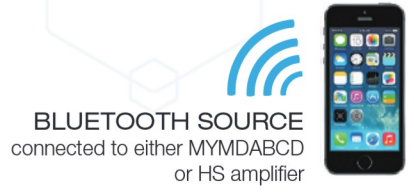
SCHOOL WITH PAGING AND CUSTOM TONES

- In this example 3 x **AMX526** paging microphones are connected to an **HS250v2**, 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 **HSv2 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 **HSv2 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



BLUETOOTH SOURCE
connected to either MYMDABCD
or HS amplifier



TELEPHONE PAGING
via LIU1
connected to line level input



BGM from SD Card
Front panel control

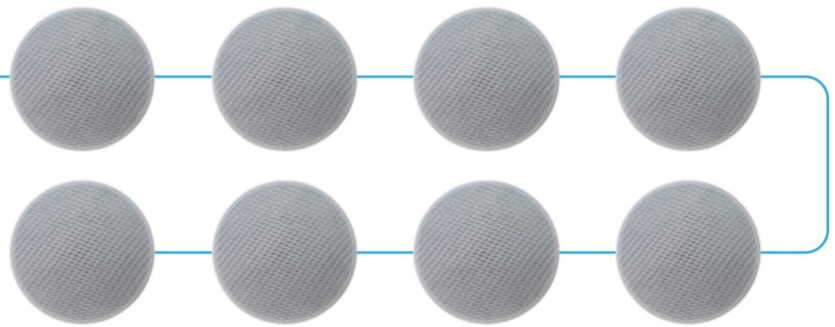


SD Card
message activation




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 **HS250v2** is providing local BGM (Back Ground Music) sources as well paging and streaming.
- The SD Card used with the **HS250v2** 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 **HS250v2** 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 **HSv2 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



MYMDABCD
DAB+ FM radio, CD/Media player, Bluetooth



LIU1

DAB+ FM radio

CD/Media player

Bluetooth

SD Card
message activation

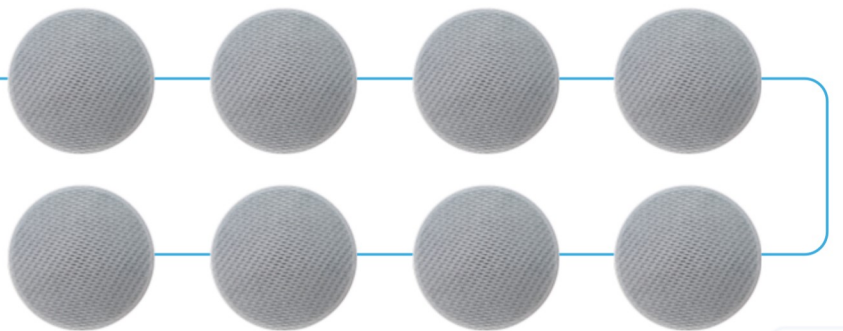


HS250v2
250 watt mixer amplifier



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 **HS250v2** mixer amplifier.
- The Bluetooth receiver in the **HS250v2** 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 **HS250v2** 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 **HSv2 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





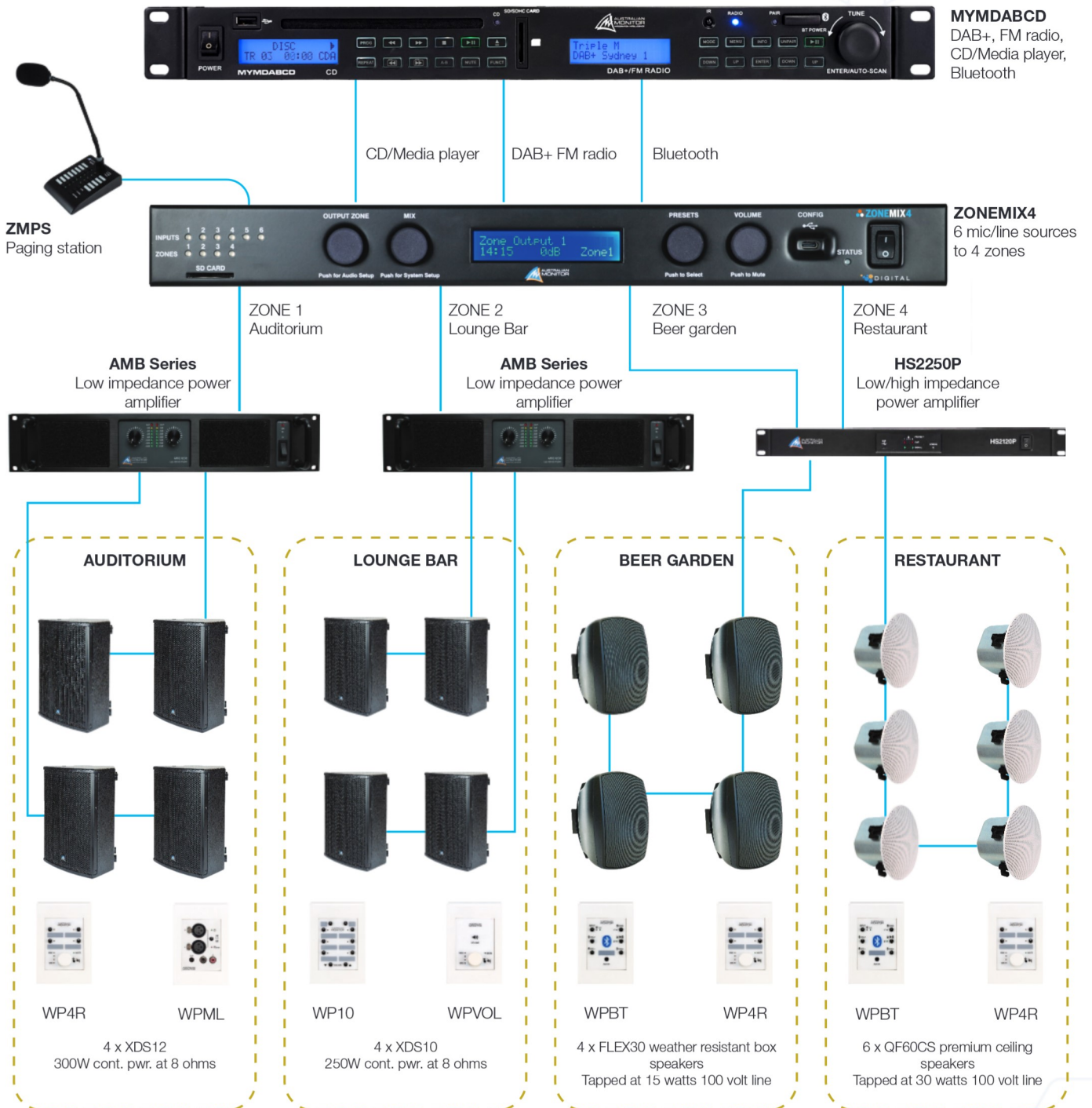
LARGE BAR WITH ZONING

- 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 **VC-LOG** 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**



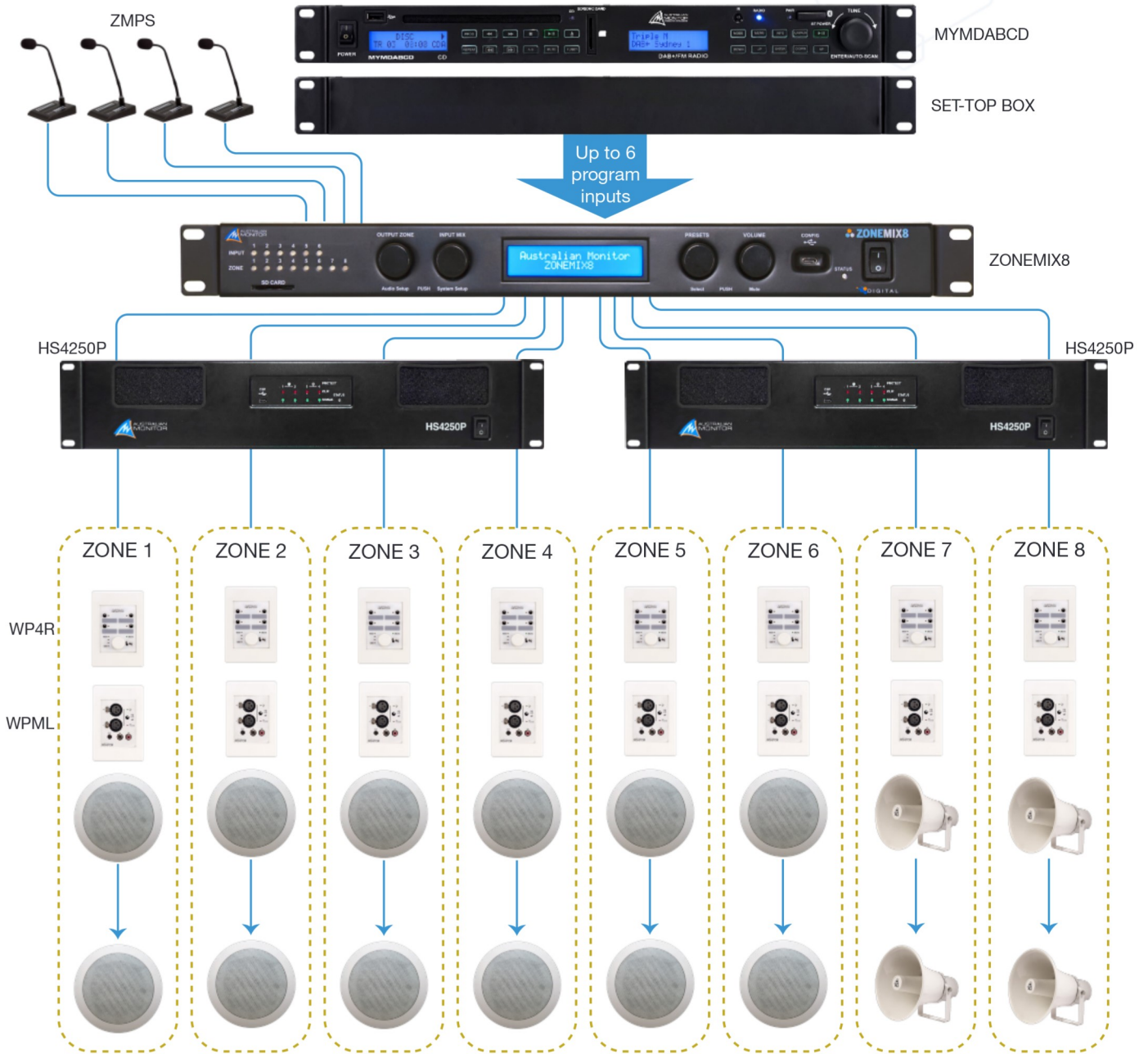


LARGE BAR WITH HIGH POWER ZONING AND PAGING

- This system is a 4-zone system with 2 high power zones; Auditorium and Lounge Bar and 2 BGM (Back Ground Music) level zones; Beer Garden and Restaurant.
- The high power zones are each run by an **AMB series** low impedance power amplifier and the BGM zones by an **HS2250P** 2 x 250 watt power amplifier
- There are in-zone, control and audio panels providing activation of inputs and pre-sets along with volume control and local audio input. Multiple control panels can be used in each zone up to a total of 16 per system
- In this example an **MYMDABCD** provides BGM (Back Ground Music) program source and the **ZMPS** zone paging mic provides zone paging and message activation.
- The **MYMDABCD** has discrete outputs for CD/Media, DAB+/FM Radio and Bluetooth. These can each be connected to a separate input on the **ZONEMIX4** zone mixer.
- The **ZONEMIX4** allows source music from the **MYMDABCD** and paging to be routed to any or all of the 4 zones.
- In the Auditorium, the **AMB series** power amplifier is used to power two pairs of **XDS12s** which are driven in parallel mode. There are also a **WP4R** control panel and **WPML** audio input panel.
- The **WP4R** allows control of volume, input from the **ZONEMIX4**, pre-set activation and local GPO from the rear of the **WP4R**. The **WPML** allows a local input dedicated to that zone only
- In the Lounge Bar the **AMB series** power amplifier is used to power two pairs of **XDS10s** which are driven in parallel mode. There are also a **WP10** and **WPVOL** control panel.
- The **WP10** allows control of inputs from the **ZONEMIX4**, pre-set activation, pre-recorded message activation and local GPO from the rear of the **WP10**. Volume control can also be performed from the **WP10**. The **WPVOL** is a volume control only with muting that can be installed in another part of the zone.
- The Beer Garden and Restaurant are each powered by one channel of the **HS2250P**. The Beer Garden uses the weather resistant **FLEX30** speakers and the Restaurant the **QF60CS** in ceiling speakers
- The Beer Garden and Restaurant also have a **WPBT** wall panel providing Bluetooth input to that zone only and a **WP4R** allowing control of volume, input from the **ZONEMIX4**, pre-set activation and local GPO from the rear of the **WP4R**



LARGE OFFICE / FUNCTION ROOMS

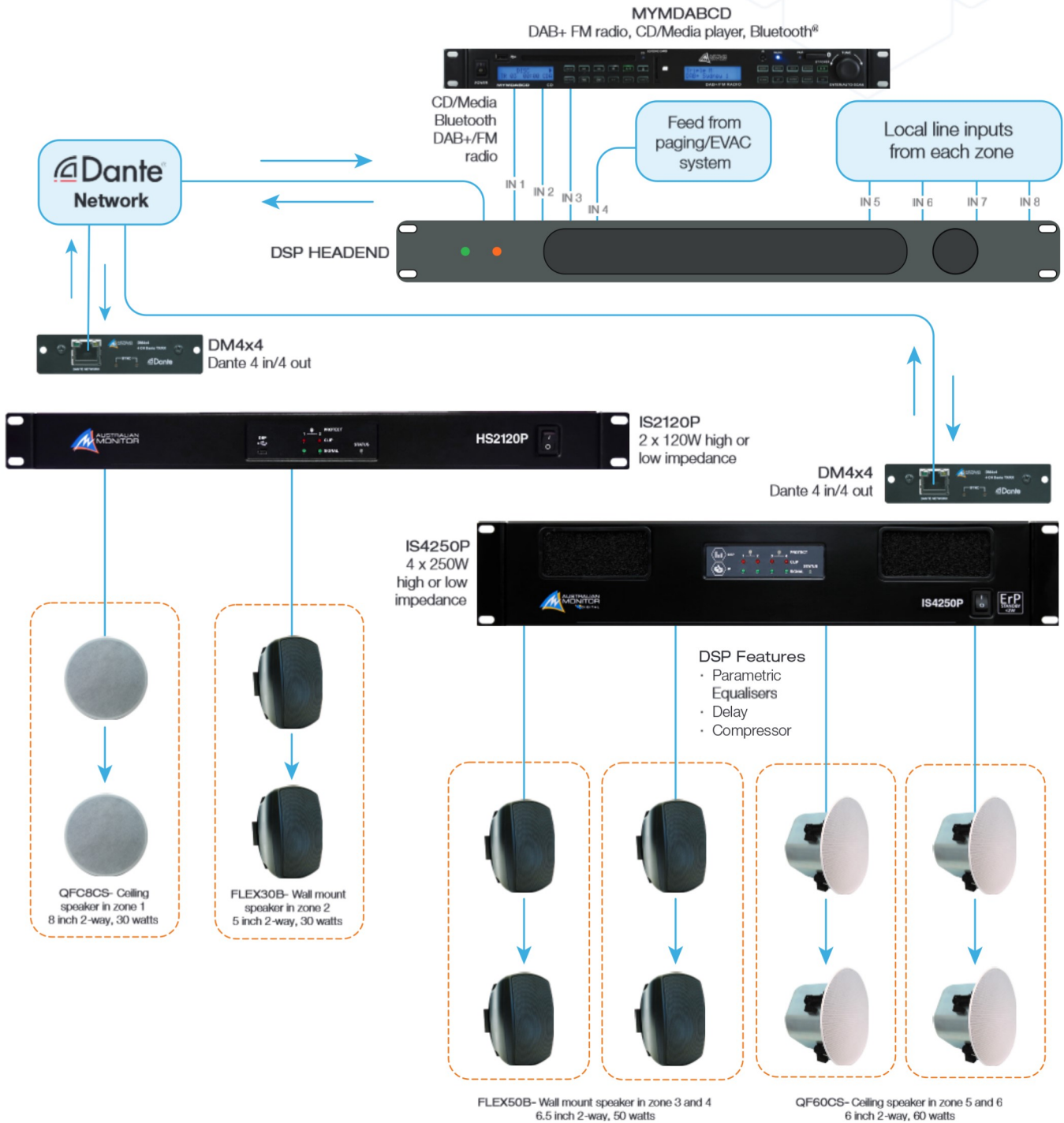




LARGE OFFICE / FUNCTION ROOMS

- In this example an **MYMDABCD** provides local BGM (Background Music) audio 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 **ZONEMIX8**.
- A video source such as a digital **SET TOP** box can be used for cable/TV broadcasts. Audio is routed via the **ZONEMIX8** while the video signal is routed to displays in each zone.
- The 8 zone outputs of the **ZONEMIX8** are fed to 2 x **HS4250P** (4 x 250-watt power amplifiers) which in turn power the speakers in each of the 8 zones.
- The **HS4250P** amplifiers also include a miniDSP which can be customised with the free downloadable software. This allows input routing filters, and a compressor limiter. If a full DSP is required, then the **ISP series** can be considered
- In each of the 8 zones a **WP4R** 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 **ZONEMIX8**. In addition, the **WP4R** can also control the zone volume.
- Each **WP4R** also has a GPO (General Purpose Outlet) which can be used for any device in the zone that need to be activated via a contact closure
- Each zone also has a **WPML** audio panel. This allows a local source dedicated to that zone to be used. It accepts either stereo mic or line input via balanced XLRs for unbalanced stereo or line level via the RCA jacks. Also included is a 3.5mm line input jack
- Paging is done via the **ZMPS** zone paging microphones. These can be configured for individual zones or groups as well as allowing the activation of pre-recorded messages
- 8 x RJ45 ports are provided on the rear of the **ZONEMIX8** for the connection of zone paging stations and in zone wall panels. Up to 24 paging stations and wall panels can be connected to the **ZONEMIX8** via these ports. Please see the **ZONEMIX** Wiring Guide for full details
- If third party control is needed the **ZONEMIX8** can be controlled via RS232 or Ethernet connection.
- A combination of **QF Series** ceiling speakers and **SH series** 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.

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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