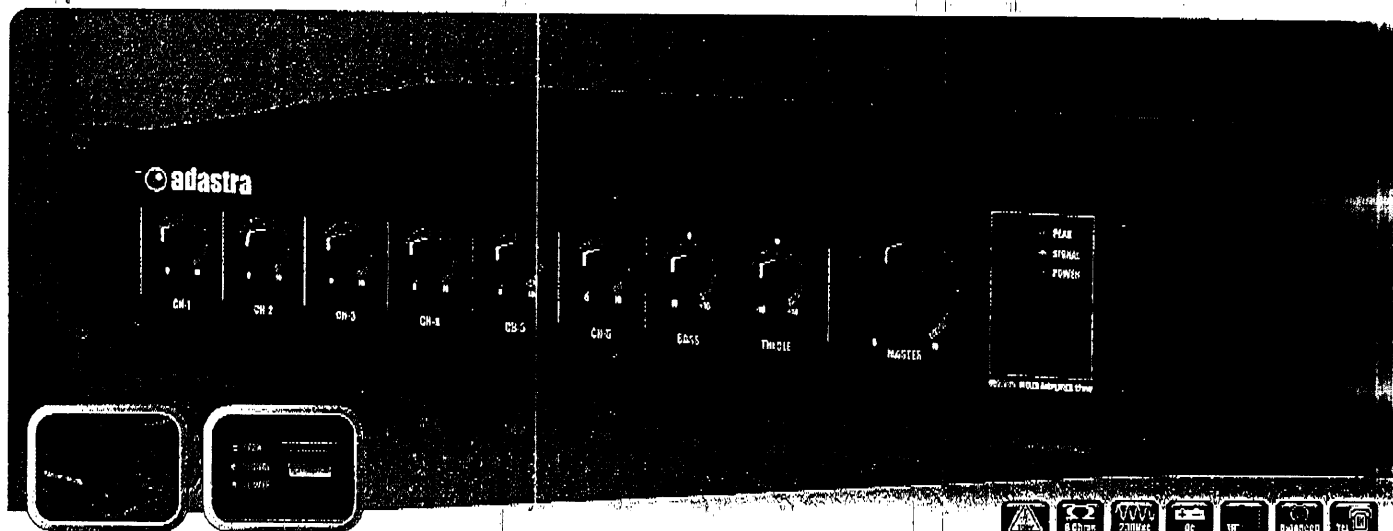


900 Series Mixer Amplifiers

DP27255



Designed exclusively for Adastra by skilled engineers, the 900 series of mixer amplification offers a comprehensive range of features with excellent performance and reliability. With an extended range of audio source and accessories to complement the range, there is an Adastra 900 series solution to suit almost every installation.

The four mixer amplifiers in the range each include at least one electronic balanced microphone input with switchable VOX priority - the top of the range version 952.996 has six channels switchable between line and balanced mic as well as switchable priority on channels 1 and 2. All units have strong metal cabinets in 2U size with separate rack ears for 19" rack mounting. As an added feature the chassis is

also prepared with screw holes to enable the rack ears to be used as table/shelf security mounting brackets. All amplifiers are fully protected for short circuit and overload with fuse protection for the DC power supply and are fitted with clear and precise front facias available in either a matt black finish or stone grey (RAL7032). The stone grey finish is approved for use in churches

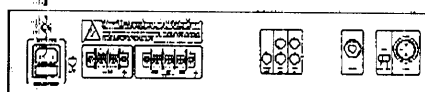
and cathedrals with a complementary range of 19" racks and accessories available (see page 30).



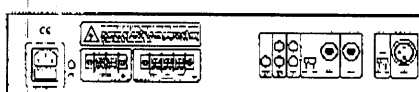
The amplifiers also include LED indication for peak power and signal to give a visual reading of the amplifiers performance and are fitted

with IEC mains sockets for ease of installation. Supplied with IEC mains lead. A recently added feature is the provision of a 3 screw terminal adjacent to the XLR socket for hard wiring a microphone.

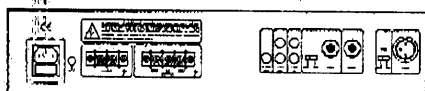
- Available with stone grey (RAL7032) facias
- True rms power ratings
- Balanced mic inputs
- VOX priority
- Fully protected



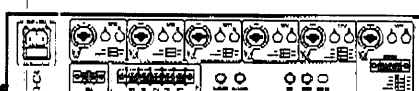
952.966 - 952.967



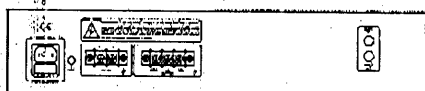
952.969 - 952.970



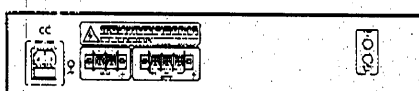
952.972 - 952.973



952.976 - 952.997



952.975 - 952.976



952.973 - 952.994

		952.966 - 952.967	952.969 - 952.970	952.972 - 952.973
Output:	Max	40W	70W	100W
	RMS < 2% T.H.D	30W	60W	120W
	dc power	30W	42W	92W
Frequency response		100Hz - 12kHz ±3dB	100Hz - 12kHz ±3dB	100Hz - 12kHz ±3dB
Signal to noise ratio		All volume controls c.w: 92dB Master max & all input vol. Min: 75dB Mic: 70dB Aux & Line: 75dB		
Inputs	Mic	1.5mV	1.5mV	1.5mV
	Line	300mV	300mV	300mV
Input sensitivity	Mic1	1.5mV (-56.4dBV), balanced	1.5mV (-56.4dBV), balanced	1.5mV (-56.4dBV), balanced
	Mic2	1.5mV (-56.4dBV), unbalanced	1.5mV (-56.4dBV), unbalanced	1.5mV (-56.4dBV), unbalanced
	Mic3	-	1.5mV (-56.4dBV), unbalanced	1.5mV (-56.4dBV), unbalanced
	Aux	-	300mV (-10.4dBV), unbalanced	300mV (-10.4dBV), unbalanced
	Line	300mV (-10.4dBV), unbalanced	300mV (-10.4dBV), unbalanced	300mV (-10.4dBV), unbalanced
Input Impedance	Mic	5kΩ	5kΩ	5kΩ
	Aux/line	10kΩ	10kΩ	10kΩ
Outputs	Speaker	8Ω & 100V	8Ω & 100V	8Ω & 100V
	Line	1V @ 600Ω	1V @ 600Ω	1V @ 600Ω
Power	Mains	230Vac, 50Hz	230Vac, 50Hz	230Vac, 50Hz
	Battery	12Vdc (5A)	12Vdc (5A)	24Vdc (8A)
Dims (W x H x D)		425 x 88 x 230mm	425 x 88 x 230mm	425 x 88 x 230mm
Weight		5kg	7.5kg	10kg

900 Series Mixer Amplifiers

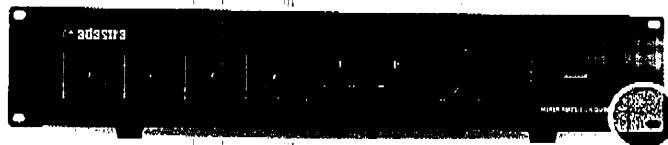
adastra



952.966 Black version **3 CHANNEL 30W RMS MIXER AMPLIFIER**

Mixer amplifier giving 30W rms output power featuring 2 mic inputs and 1 line input. Switchable VOX priority and balanced XLR input on MIC channel 1.

- Maximum output power 40W
- 3 input channels
- Channel 1 electronically balanced
- VOX priority channel 1
- Bass & treble controls
- 8 Ω and 100V line outputs
- 2U 19" rack mountable
- Peak and signal LEDs
- Mains and battery operation



952.969 Black version **4 CHANNEL 60W RMS MIXER AMPLIFIER**

Mixer amplifier giving 60W rms of output power featuring 3 mic inputs and 1 line input. Switchable VOX priority and balanced XLR input on MIC channel 1. Channel 3 switchable MIC/AUX.

- Maximum output power 70W
- 4 input channels
- Channel 1 electronically balanced
- Channel 3 MIC/AUX switchable
- VOX priority channel 1
- 8 Ω and 100V line outputs
- Bass & treble controls
- 2U 19" rack mountable
- Peak and signal LEDs
- Mains and battery operation

DP26836



952.972 Black version **4 CHANNEL 120W RMS MIXER AMPLIFIER**

Mixer amplifier giving 120W rms of output power featuring 3 mic inputs and 1 line input. Switchable VOX priority and balanced XLR input on MIC channel 1. Channel 3 switchable MIC/AUX.

- Maximum output power 160W
- 4 input channels
- Channel 1 electronically balanced
- Channel 3 MIC/AUX switchable
- VOX priority channel 1
- 8 Ω and 100V line outputs
- Bass & treble controls
- 2U 19" rack mountable
- Peak and signal LEDs
- Mains and battery operation

DP26837



952.996 Black version **6 CHANNEL 120W RMS MIXER AMPLIFIER**

Mixer amplifier giving 120W rms of output power featuring 6 mic/line inputs. Switchable VOX priority on MIC channel 1 and 2. All input channels are switchable between line and balanced mic and feature switchable phantom power. Microphone connections are by combination XLR/6.3mm stereo sockets.

- 6 universal inputs XLR/JACK/RCA
- Electronically balanced inputs
- Switchable phantom power
- VOX priority channels 1 & 2
- 8 Ω and 100V line outputs
- Peak and signal LEDs
- Bass & treble controls
- Chime function on channel 1
- 2U 19" rack mountable

DP27255



952.975 Black version **120W RMS SLAVE AMPLIFIER**

A 120W rms high power slave amplifier for use with the 900 series mixer amplifiers or with any other suitable source. Featuring phono sockets for input and output signals and front located master volume control. Signal and peak LED indicators for visual reading of the amplifiers performance.

- Maximum output power 160W
- Mains and battery operation
- 2U 19" rack mountable
- Peak and signal LEDs

DP26838



952.993 Black version **240W RMS SLAVE AMPLIFIER**

A 240W rms high power slave amplifier for use with the 900 series mixer amplifiers or with any other suitable source. Featuring phono sockets for input and output signals and front located master volume control. Signal and peak LED indicators for visual reading of the amplifiers performance.

- Maximum output power 320W
- Mains and battery operation
- 2U 19" rack mountable
- Peak and signal LEDs

DP27256

		952.966 - 952.967	952.975 - 952.976	952.993 - 952.994
Output:	Max	160W	160W	320W
	RMS	120W	120W	240W
	dc power	92W	92W	170W
Frequency response		100Hz - 10kHz $\pm 3dB$	100Hz - 12kHz $\pm 3dB$	100Hz - 12kHz $\pm 3dB$
Signal to noise ratio		All volume controls cov: 92dB Master max & all input vol. Min: 75dB Mic: 70dB Aux & Line: 75dB		
Distortion		1% @ 100W, 20Hz - 20kHz 70V on 8 Ω power		
Input sensitivity	Balanced Mic	1.5mV (-56.4dBV)		
	Unbalanced Mic	26mV (-31.7dBV)		
	Balanced Line	270mV (-10.4dBV)		
	Unbalanced Line	300mV (-10.3dBV)	300mV	300mV
Input impedance	MIC	1k Ω		
	Line	10k Ω		
Outputs	Return	10k Ω		
	Speaker	8 Ω 16 Ω , 70V & 100V	8 Ω & 100V	8 Ω & 100V
Power	Line	1V @ 1600 Ω	1V @ 1600 Ω	1V @ 1600 Ω
	Mains	230Vac, 50Hz	230Vac, 50Hz	230Vac, 50Hz
Dims (W x H x D)	Battery	24Vdc (5A)	24Vdc (5A)	24Vdc (5A)
		425 x 88 x 230mm	425 x 88 x 230mm	425 x 88 x 230mm
Weight		10kg	10kg	12.6kg

Repair service available

900 series mixer amplifiers : public address sound systems 2003 - 03