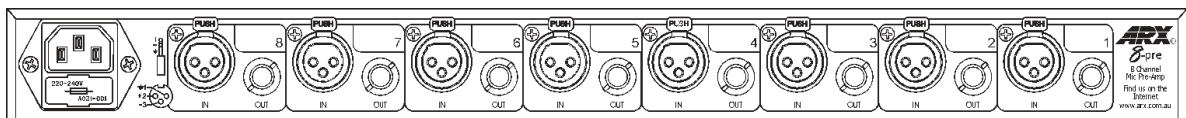
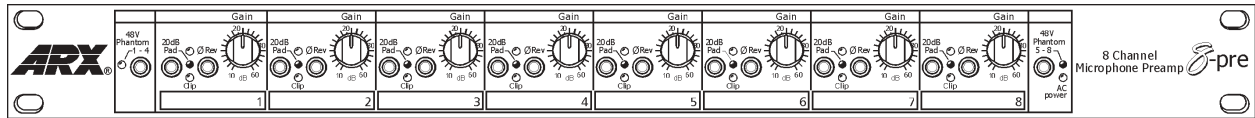


8-pre

ARX

www.arx.com.au®

8 CHANNEL MICROPHONE PREAMP



Applications

- Console input extending for both Digital and Analog mixing consoles in Studio, Live and Broadcast
- Mic Pre-amps for Hard Disk/ ADAT/ Multitrack Recording

Innovation

If you love your compact Digital (or Analog) mixing console, but wish it had more microphone inputs, ARX has the solution – the **8 pre**: eight channels of superb sounding Microphone Pre-amps in a compact 1 RU chassis. It's the ideal console extender for those times when you need more microphone inputs. Now you can put those unused line inputs to good use, and who knows - the **8 pre** pre-amps sound so good you'll probably end up using them all the time instead of the ones that came with your mixer!

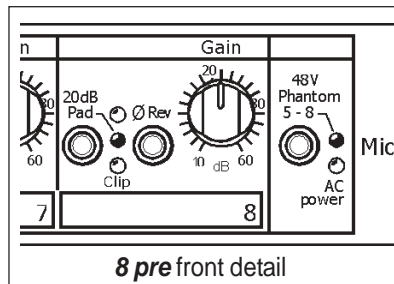
Superb Audio Quality

The **8 pre**'s ultra low noise figures come from extensive use of premium components plus care and attention to board design and layout. The result is superb, transparent audio quality and the headroom to handle anything that a mic can throw at it. Gain is adjustable from 20 db through to 60 dB via a trim control on the front panel, plus we've included a -20dB Pad switch to tame the hottest condenser mic output if

required. The Clip status LED lights up 1 dB before the onset of clipping, just to warn you you're getting close.

Phantom power is switchable in banks of four channels: 1 through 4, 5 through 8. A Phase reverse switch is also provided on each pre-amp channel to eliminate any close miking problems.

In short, the ARX **8 pre** is the mic Pre-amp that you'll wish the console manufacturer had used.



Every day, ARX Audio interface products solve audio problems for thousands of people around the world. We don't make digital or analog mixers and we don't have to cut any corners on quality. We know we're obsessive about audio quality, but we're betting that you are too.

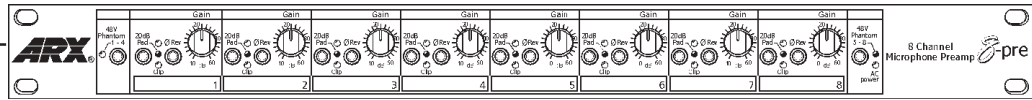
The ARX **8 pre** provides a unique solution to today's multiple Mic Pre-amp requirements.

Features

- ⑧ Eight Ultra Low noise mic pre-amps
- ⑧ Balanced XLR inputs
- ⑧ Switchable Phantom power
- ⑧ Individual Pad switches
- ⑧ Individual Phase Reverse switches
- ⑧ Individual Gain trim controls
- ⑧ Comprehensive LED status indicators
- ⑧ Flawless performance in any audio environment

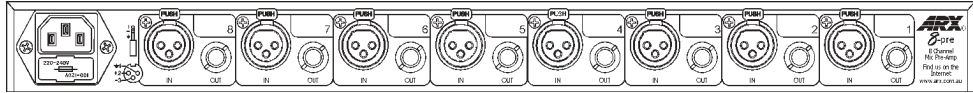
Specifications

- Input Gain**
20dB – 60dB
- Input Pad**
–20dB
- Input Impedance**
4 KOhm
- Input Headroom**
+23dB
- Output Impedance**
300 Ohm
- Output Level (Max)**
+23dB
- Frequency Response**
20Hz – 20KHz ± 0.2 dB
- Signal to Noise ratio**
Gain set @ 20 dB
–93dB Unweighted
–99dB 'A' weighted
- Distortion @ Unity Gain**
.004%, 20 Hz – 10 KHz
- Dynamic Range**
116 dB
- Phantom Power**
48 VDC
- Input Connectors**
Balanced XLR: Pin 1
Ground, Pin 2 +, Pin 3 –
- Output Connectors**
Balanced TRS jack
- Clip Indicator**
Illuminates 1 dB prior to clipping
- Power Requirements**
100-120/220-240 V AC
50/60 Hz 8VA (8 watts)
on 3 pin IEC connector
- Weight**
5 lbs/2.2 Kg
- Dimensions**
19"W x 13 1/4"H x 6"D
482 x 44 x 155mm



Front Panel

- Phantom power switch and status LED for Channels 1 – 4
 - –20 dB Pad switch and status LED
 - Gain trim control 20 dB through to 60 dB available
 - Clip LED indicator
 - Phase Reverse switch and status LED
 - Marker panel for labelling pre-amp assigns
 - Phantom power switch and status LED for Channels 5 – 8
- Channels 1 through 8 have identical controls*



Rear Panel

- AC input connector, with voltage switch and fuse.
- Balanced TRS jack Outputs Channels 1 through 8
- Balanced XLR Inputs Channels 1 through 8

ARX Systems are based in Melbourne, Australia, where all ARX Products are assembled and tested in our 'state-of-the-art' manufacturing facility

For over 20 years ARX has designed, manufactured and supported Audio Products for Professional users and applications worldwide

Architectural Specifications

The unit shall consist of 8 independent microphone pre amplifiers, mounted in a standard 1 RU all steel chassis with extruded aluminium front panel.

Each pre-amplifier shall have a balanced female XLR input connector (wired Pin 1 Ground, Pin 2 +, Pin 3 –) and a balanced Tip-Ring-Sleeve output connector (wired Tip +, Ring –, Sleeve Ground) mounted on the rear panel.

Each pre-amplifier channel shall have a Gain trim control on the front panel, variable from 20 dB through to 60 dB. Each pre-amplifier channel shall also have –20 dB Pad switches and Phase change switches.

48 V DC Phantom power shall be avail-

able on each input, switchable in banks of four, ie: Channels 1 through 4, and Channels 5 through 8.

The Signal to Noise ratio @ 20 dB shall be –93dB unweighted. Input impedance shall be 4 KOhms, and the output impedance shall be 300 Ohms.

Maximum Output Level shall be +23dB
AC power range shall be switchable 100 to 120V or 220 to 240V AC, and shall be connected to the unit via a standard three pin IEC connector, with built-in fuse and voltage change switch.

The 8 channel microphone preamp unit shall be the ARX 8 PRE

Specifications available on CD ROM



Latest updates always available on the ARX website - www.arx.com.au



Our policy is one of continuous improvement, and therefore designs may change without notice. However, unless otherwise stated, specifications will always equal or exceed those previously given.

