



## microplus

The Audica Professional MICROplus is an ultra-compact 4-channel power amplifier with the same size and style of head-unit mounting as the MICROzone pre/amp/controller, which it is designed to partner. It delivers 4 x 80W into 4 Ohm per channel, 2 x 80W into 4 Ohm plus 1 x 160W bridged into 8 Ohm or 2 x 160W into 8 Ohm with twin channels bridged.

Features include 4-channel limiting and protection and individual channel bar indicators showing output level, clip and fault.

The unit has rear-mount level control, phono in/out and screw terminal loudspeaker outputs for each channel. Being a straight gain amplifier, the MICROplus is designed to be used in conjunction with the MICROzone and MULTIZone.



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4-channel power amplifier

### Normal Mode (per channel)

<b>Programme power output</b>	80W into 4 Ohms, 40W into 8 Ohms
<b>Sine wave r.m.s. power output</b>	55W into 4 Ohms, 28W into 8 Ohms (restricted by limiter operation)
<b>Peak power output</b>	160W into 4 Ohms, 80W into 8 Ohms
<b>Gain</b>	-infinity to 28.2dB (adjustable on rear panel)
<b>Frequency Response</b>	<10Hz to 35kHz (-3dB), less than 1dB down @ 20kHz
<b>Signal to Noise ratio</b>	86dB (22Hz to 22kHz), 90dB (A-weighted)
<b>THD</b>	<0.03% (at 1kHz and 25W), <1% (20Hz-20kHz) all output levels
<b>Input level for 55W output</b>	610mV r.m.s. at maximum gain setting
(limiter operation begins)	
<b>Input impedance</b>	10k ohms
<b>Maximum input level</b>	30V r.m.s.

### Bridge Mode (per pair of channels)

<b>Programme power output</b>	160W into 8 Ohms
<b>Sine wave r.m.s. power output</b>	110W into 8 Ohms (restricted by limiter operation)
<b>Peak power output</b>	320W into 8 Ohms
<b>Gain</b>	-infinity to 34.6dB (adjustable on rear panel)
<b>Frequency Response</b>	<10Hz to 35kHz (-3dB), less than 1dB down @ 20kHz
<b>Signal to Noise ratio</b>	86dB (22Hz to 22kHz), 90dB (A-weighted)
<b>THD</b>	<0.03% (at 1kHz and 50W), <1% (20Hz-20kHz) all output levels
<b>Input level for 110W output</b>	610mV r.m.s. at maximum gain setting
(limiter operation begins)	
<b>Input impedance</b>	10k ohms
<b>Maximum input level</b>	30V r.m.s.