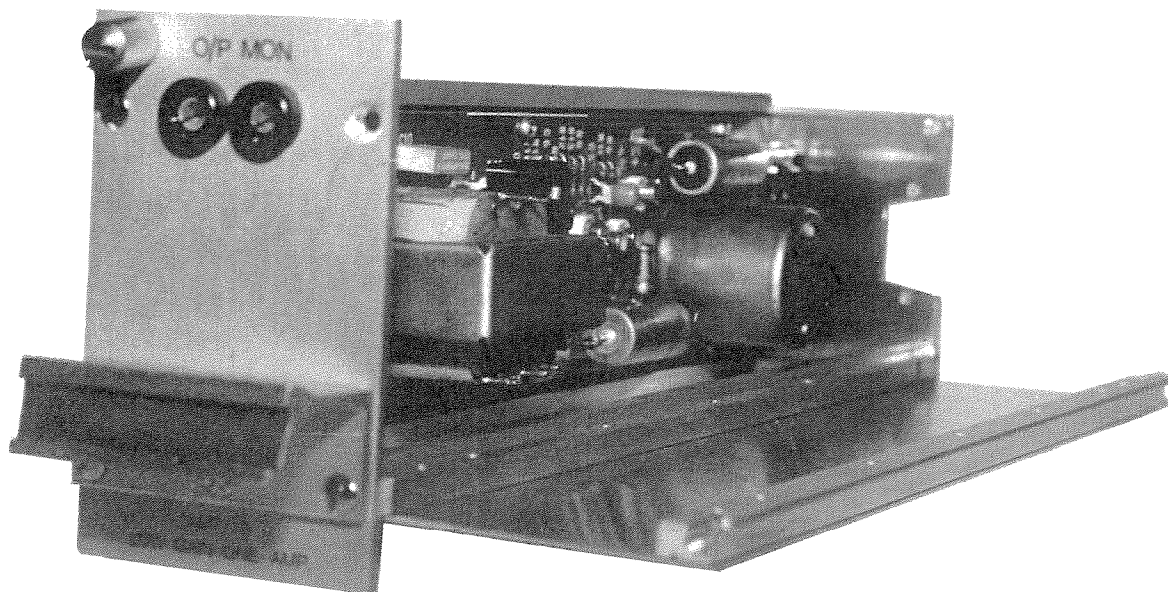




Audio Line Distribution Amplifier AM7/12



This is a preset gain amplifier for distributing programme signals to internal lines. The amplifier accepts a signal at 0dB programme level and provides two outputs, one for sending to a single line and one for sending to a number of lines via separate series resistors. The outputs are not isolated from each other and both are intended to drive high impedance loads although the distribution output will provide full output into impedances down to 50 Ω .

SPECIFICATION

Input Level	: 0dB Programme
Input Impedance	: 50k Ω balanced
Frequency Response	: 50Hz to 15kHz \pm 0.1dB 40Hz to 20kHz \pm 0.2dB
Signal to Noise Ratio	: >85dB
Total Harmonic Distortion	: <0.1%
Gain	: \pm 5dB Preset
Output Level (Single)	: 0dB Programme
(Distribution)	: 0dB Programme
Output Impedance (Single)	: 50 Ω balanced
(Distribution)	: 5 Ω balanced
Clipping Level (Single)	: +18dB into high impedance
(Distribution)	: +16dB into 50 Ω
Power Requirement	: +12V at 60mA d.c. and -12V at 60mA d.c.

Manufacturing Information for BBC designed equipment is available for commercial exploitation. For further information please contact the Liaison Engineer at the above address.