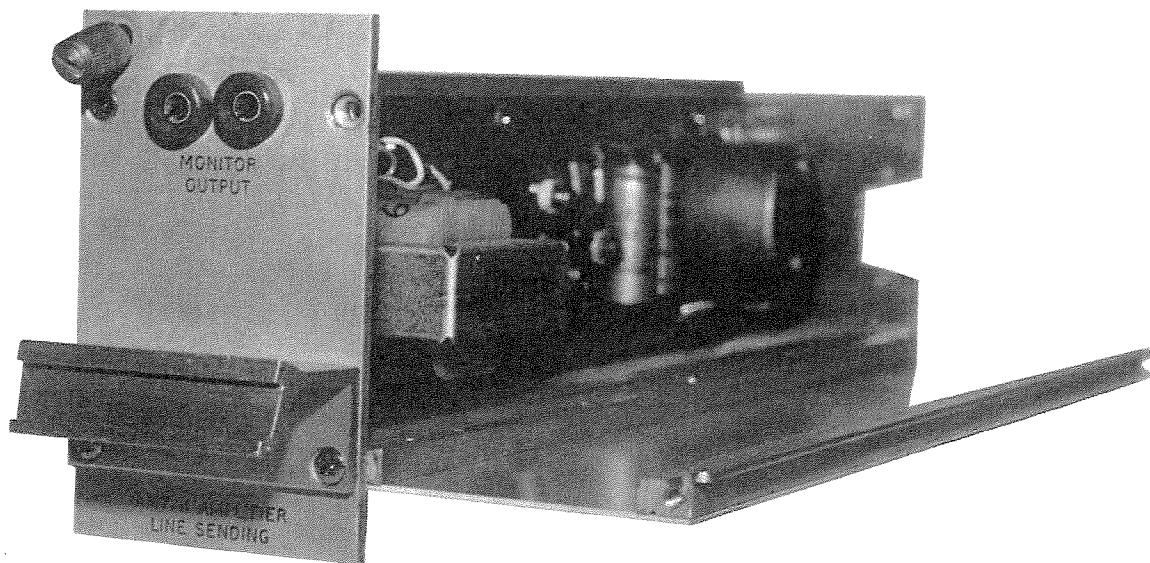




Audio Line Sending Amplifier AM7/11



This is a fixed gain amplifier for sending programme signals to Post Office lines. The amplifier accepts a signal at 0dB programme level and provides two outputs, one for sending to line and one for monitoring the programme quality and level.

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	: >90dB
Total Harmonic Distortion	: <0.1%
Output Level (Main)	: +10dB \pm 0.1dB into 600 Ω
Output Level (Monitor)	: 0dB \pm 0.1dB into high impedance
Output Impedance (Main)	: 600 Ω \pm 2% balanced, isolated
Output Impedance (Monitor)	: 50 Ω \pm 5% balanced, isolated
Clipping Level, Main Output	: +23dB into 600 Ω
Power Requirement	: +12V at 100mA d.c. and -12V at 100mA 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.