
Sound Repeater

The digital audio storage module shall be compatible with TOA 900, BG-M and 700 Series mixer/amplifiers and have three minutes of CD-quality digital storage capacity with four selectable messages/tones. The messages shall be stored as 44.1k Hz, 16 bit PCM (monaural), uncompressed WAV format and shall be transferred via USB interface. Individual message activation shall be accomplished via front switch inputs (no-voltage make contact input, pulse make length: 200 ms, open voltage: 30 VDC, short-circuit current: 10 mA) with removable terminal block type connector. A stop input terminal shall allow immediate termination of message. Features shall include an adjustable broadcast delay time (0, 2 and 4 seconds) and an interval timer to allow messages to be repeated at various time intervals (0,5,10, 30 seconds or 1,5,10, 30 minutes, 1 hour or continuous). Specifications shall include frequency response of 20 to 20k Hz +/- 3 dB (1k Hz) and distortion under 1% (1k Hz, rated output).

The digital message repeater module shall be TOA model S-20S.