

SERVICE BULLETIN

AUTOMATIC MUSIC, INC.

1500 UNION AVENUE. S. E., GRAND RAPIDS 2, MICHIGAN • TELEPHONE CHERRY 3-3633

AMi

AFFILIATE OF AUTOMATIC CANTEEN COMPANY of AMERICA

October 25, 1961

SERVICE BULLETIN #194

Subject: Operation of monaural 8 ohm extension speakers with
CONTINENTAL 2 STEREO ROUND phonographs.

Eight ohm speakers can be used to provide monaural or center channel sound from a CONTINENTAL 2 phonograph in areas not covered by the phonograph itself. The 8 ohm speakers must be connected between terminal 5 of the basic amplifier (left channel) and terminal 5 of the add-on power amplifier (right channel). This will provide 4-1/2 watts to each speaker so connected (2-1/4 watts from each channel).

The number of 8 ohm monaural speakers that can be connected depends upon the power setting of the STEREO ROUND speaker system in the phonograph and the power setting of other monaural or stereo extension speakers that are connected to the amplifier. The total power settings of all speakers connected to the amplifier must not exceed 20 watts per channel or 40 watts total.

Note: To avoid excessive power loss, lines connecting 8 ohm speakers must not exceed 100 feet. This will give a 15% power loss for 18 guage wire. If more than one speaker is connected to the line, the length should be reduced proportionally.

C. L. Bitting
Cliff L. Bitting
Field Service Engineering

CLB:emc