

KS-16504 HANDSET — TRANSMISSION CHARACTERISTICS

1. GENERAL

1.01 This practice provides transmission information for the KS-16504 Handset. This handset is designed for use with announcement systems, conference circuits and paging systems where voice quality better than that provided by the F1A and T1 transmitters is required. The handset also has low distortion and intermodulation products as well as a low inherent noise level.

1.02 The handset is identical in appearance to the G3A-3 Handset except for the transmitter cap and cord. Fig. 1 is a photograph of an unassembled handset showing the cord connections.

1.03 The KS-16504, List 1 Handset is equipped with a KS-16504, List 10 Microphone Unit as well as an H5U3 cord. The cord contains a shielded pair for the microphone, and a pair for

the receiver. The free end of the cord is equipped with No. 134 and 144 Cord Tips.

1.04 The KS-16504, List 2 Handset is equipped with a KS-16504, List 10 Microphone Unit as well as an H5W3 cord. This cord is identical to the H5U3 cord except the free end is equipped with a Cannon No. 35324 plug.

1.05 The transmitter unit provided with the handset is the same as provided with the Altec-Lansing Type 632C microphone. The microphone unit is enclosed in a protective capsule, and is equipped with a diaphragm 0.001" thick.

2. TRANSMISSION CHARACTERISTICS

2.01 Fig. 2 shows a typical voice frequency response curve for the microphone unit. The output level for an average talker is about -57 vu into a nominal load of 30 ohms.

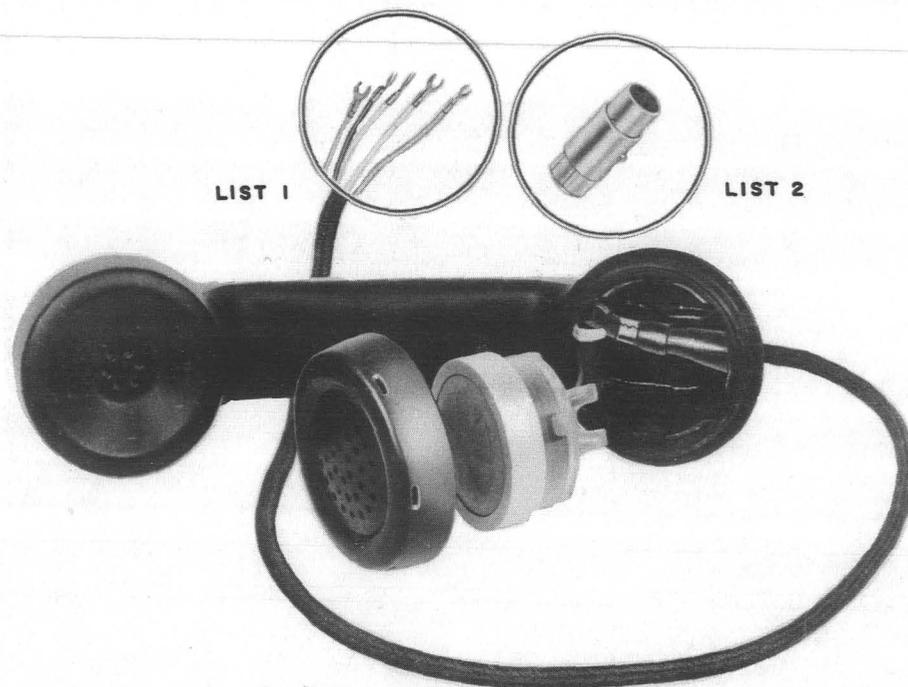


Fig. 1 — Unassembled Handset

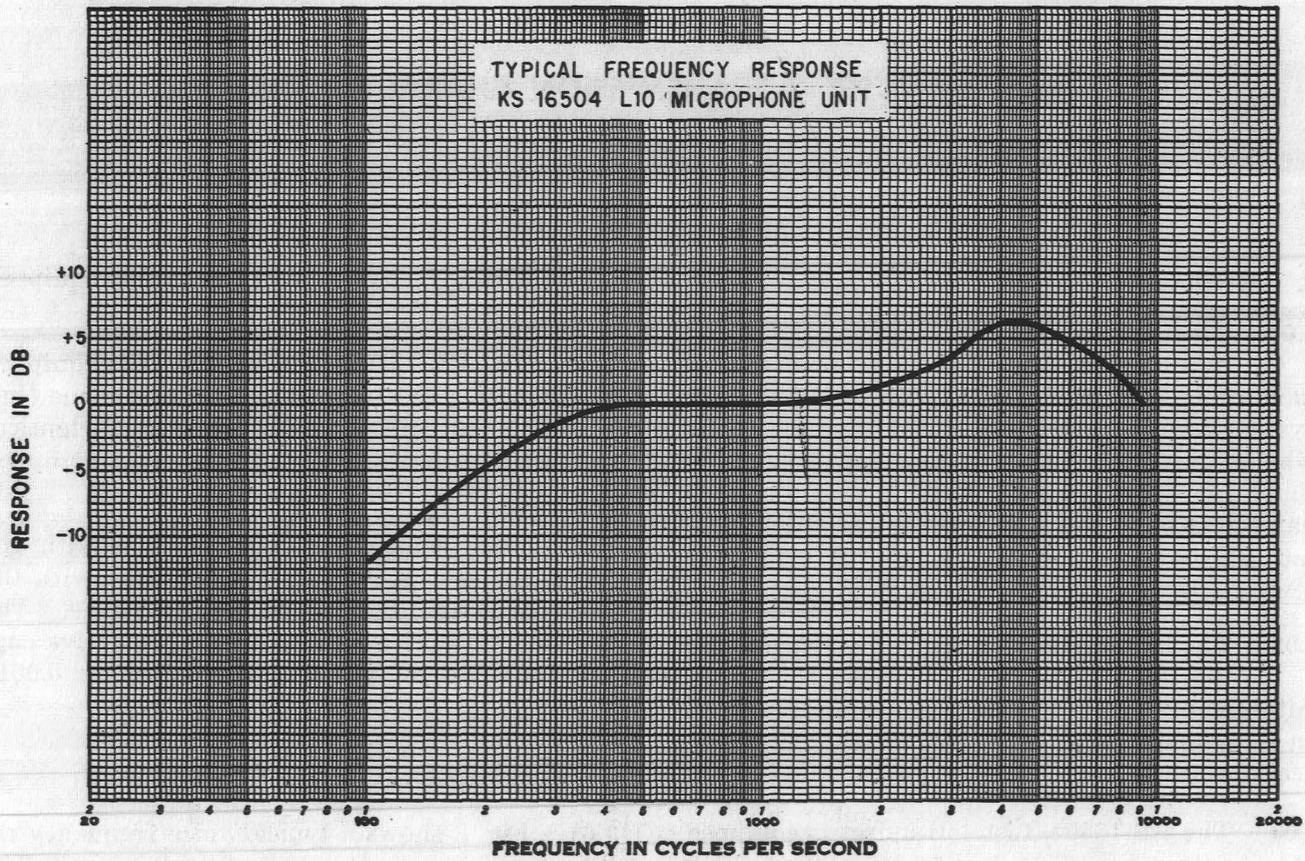


Fig. 2 - Typical Frequency Response