



Figure 21. Remote Control Equipment AN/TRA-2.

Status: Standard. *Stock No.:* 2C5002-1. *Reference:* TM 11-2621.

Remote Control Equipment AN/TRA-2 consists of two major components, Remote Control Unit C-112/TRA-2 and Control Unit C-113/TRA-2. The remote control equipment is used with but is not a part of Radio Sets AN/TRC-1(*) and AN/TRC-8.

Control Unit C-113/TRA-2 is located at the transmitter, while Remote Control Unit C-112/TRA-2 is located at a remote point. This provides press-to-talk control of the radio set on a two- or four-wire basis; it limits the transmission input into the radio transmitter; it provides for listening at the remote station with either headphone or loudspeaker; it provides for intercommunication between attendants; it has automatic radio repeater operations and manual volume control at the remote station, with facilities for three attendants at the remote station.

When the radio receiver and transmitter are closely associated, two-wire operation is provided; when they are not located together or when two frequencies are used, four-wire operation is provided.

TECHNICAL CHARACTERISTICS

POWER SOURCE: 115- or 230-v, 50- to 60-cyc, ac.
RANGE: ½ mi (approx).
NUMBER OF TUBES: 0.

GENERAL APPLICATION

USE: Provides for remote control of Radio Set AN/TRC-1
or equivalent radio communication equipment.
INSTALLATION: Portable or fixed.

PRINCIPAL COMPONENTS

<i>Name</i>	<i>Dimensions (in.)</i>	<i>Weight (lb)</i>
Remote Control Unit C-112/TRA-2	9 x 12 x 12	20
Control Unit C-113/TRA-2	9 x 12 x 12	20

WEIGHT AND VOLUME

Total weight (lb)	<i>Domestic pack</i> 98
Total volume (cu ft)	5