INSTRUCTIONS
FOR
SOUND POWERED HANDSET
H-203/U

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DYNALEC CORPORATION

ELECTRONIC SYSTEMS—METAL FABRICATION

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NOTES:

1. STUFFING NUT SHOULD BE SET UNTIL CABLE CANNOT BE MOVED IN OR OUT. IF .020 IN., CANNOT BE HELD, SHIM AS REQUIRED WITH THE FOLLOWING SHIMS:
   (SMALL DIA. CABLES) 701008-891, 701008-892 OR 701002-650
   (LARGE DIA. CABLES) 701014-217, 701014-218 OR 701002-643

2. SOLDER JOINT TO BE MADE WITH 60/40 ROSIN CORE SOLDER (700001-964).

3. TYPICAL FOR CABLE ASSEMBLIES WITHOUT SECURING CLAMP.
DESCRIPTION

The Handset H-203/U is designed for use with sound-powered intercommunications equipment AN/WTC-2A(V) and AM-2210G/WTC and provides both talk and listen functions. This handset is physically similar to the standard commercial telephone handset and is weatherproof. It contains sound-powered microphone and receiver elements, a press-to-operate switch and a six-foot retractable cord. Handset cradle (Dynalec part number 701021-273) shown on front cover may be ordered separately.

General specifications are listed below:

Output Sound Pressure Level*

Typical response curve measured from earpiece will have a one octave band width at 85dB sound pressure, 1/2 octave at 95dB sound pressure level, and will peak at a minimum of 100dB.

*Re: 0.0002 dynes per cm² at .3-inch from mouth piece and a signal input from 500 - 4000Hz at 100dB.

Overall Dimensions.
Height: 9 -inches.
Width: 2.32-inches.
Depth: 4.12-inches.

Weight:
Uncrated: 1.48 pounds
Crated: 2.0 pounds

OPERATION

To operate the handset, connect the handset to the associated intercommunication equipment. Perform the required operating procedures for associated equipment. Hold the handset by the handle with finger positioned over the press-to-operate pushbutton, earphone against one ear and handset microphone approximately one-inch in front of mouth. Press and hold press-to-operate pushbutton to talk and listen.

MAINTENANCE

The only maintenance required for the handset is periodic inspection and cleaning.

TROUBLESHOOTING

Should the handset fail to operate properly, check wiring for open circuits. Perform continuity checks between connection and termination points within the handset, and check press-to-operate switch with continuity tester to assure that switch functions properly. (See wiring diagram on assembly drawing.)

REPAIR PARTS

All repair parts for the handset H-203/U (Dynalec part number 702018-999) are listed on the assembly drawing.

OVERALL FREQUENCY RESPONSE CURVE