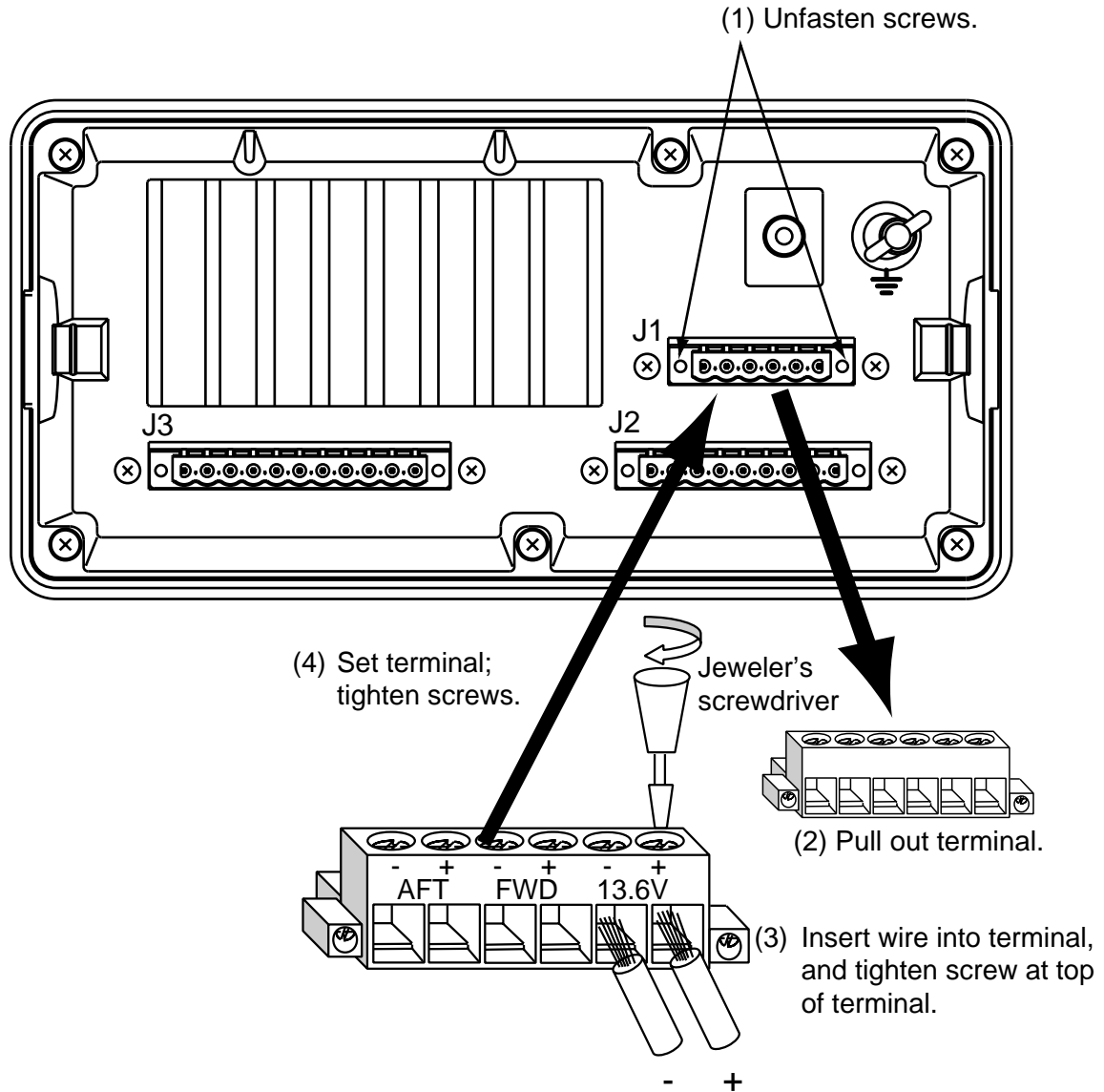


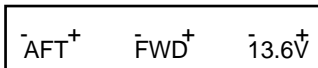
Wiring

The illustration below shows how to connect the power supply. Other equipment are connected similarly.



TERMINAL ARRANGEMENT

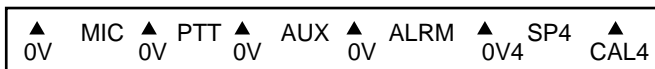
J1



J2



J3



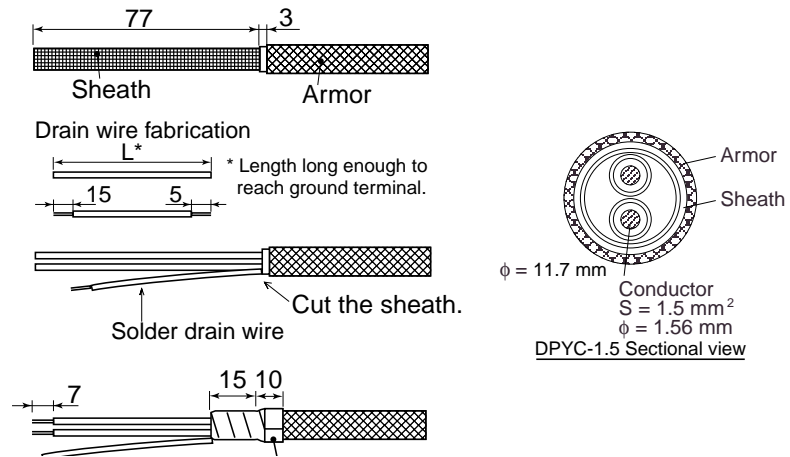
Note: Connect power cables to the battery correctly.

LH-3000, rear panel, how to wire terminals

1. INSTALLATION

Power connection

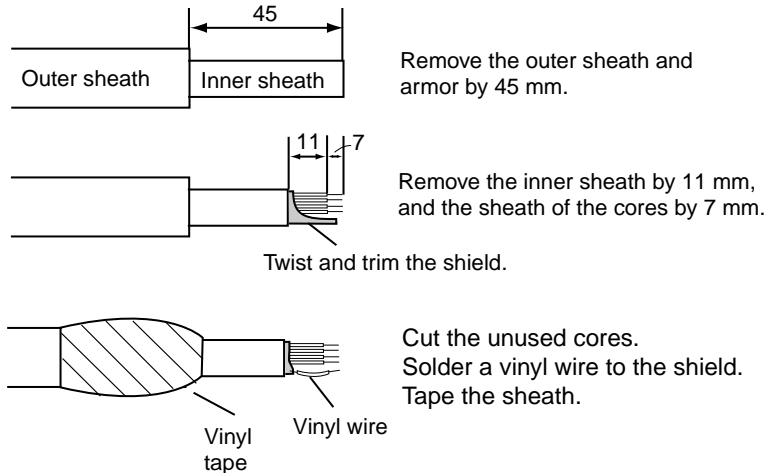
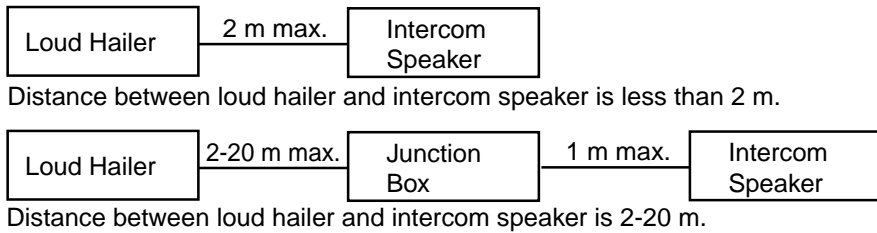
The LH-3000 is intended for use with a 13.6 VDC power supply. Connect the power cable (local supply) to the terminals labeled "13.6V". Use cable type DPYC-1.5 or equivalent. Fabricate the cable as shown below. For longer runs the wire size of leads should be increased accordingly to minimize line



losses. The wire connected to the positive (+) terminal must be connected to the positive terminal on the DC power source, and the wire connected to the negative terminal (-) must be connected to the negative terminal on the DC power source. If the power leads are reversed the fuse (inside the Loud Hailer) will blow.

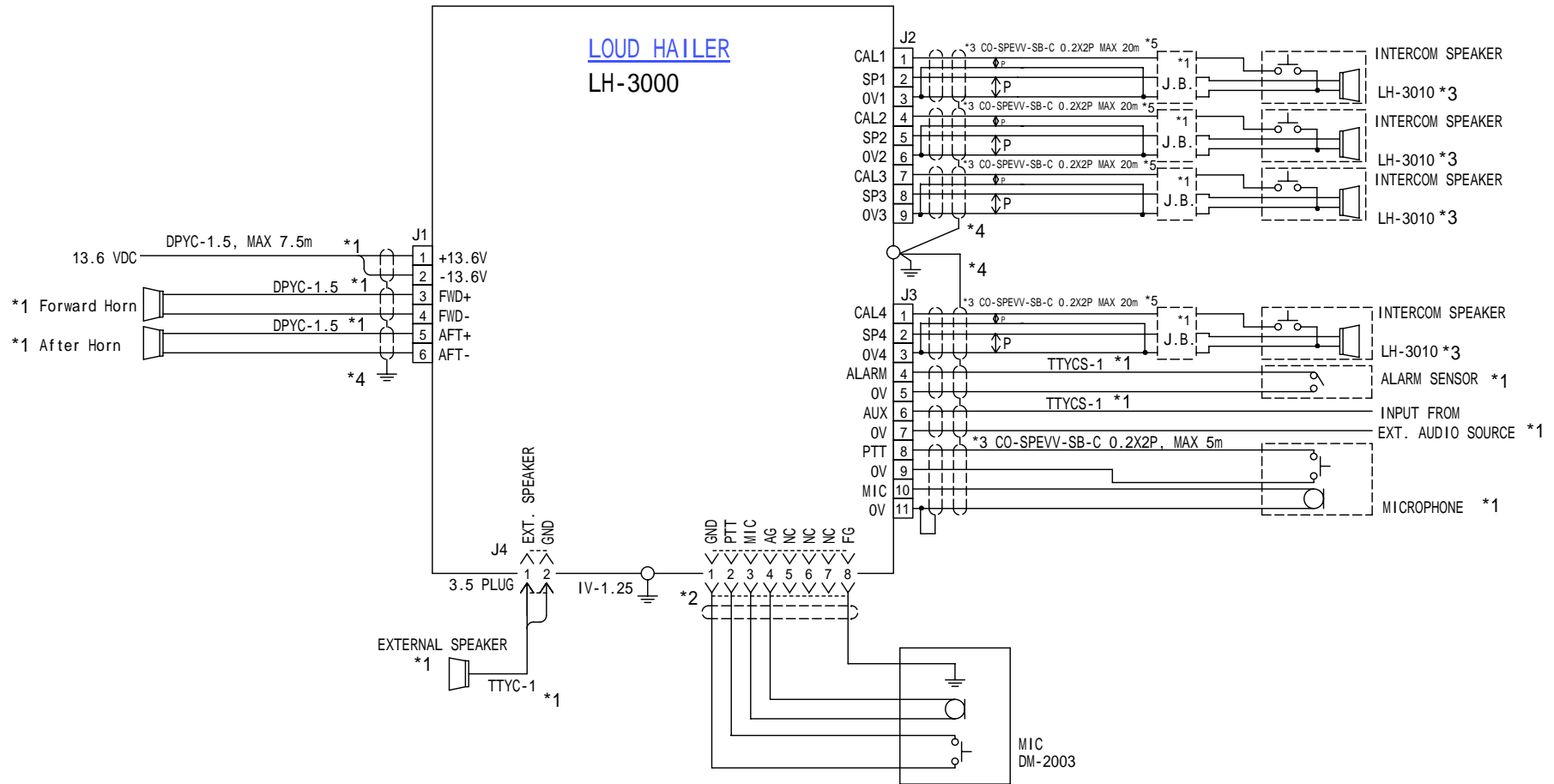
Intercom speaker (option)

Up to four intercom speakers may be connected to the intercom speaker terminals labeled CAL1-CAL4. Connect each speaker to the terminal block according to desired intercom speaker selection. The cable end is prefabricated. However, to meet EMC requirements the length of the cable must be less than 1 m. If the distance between the Loud Hailer and intercom speaker is greater than 2 m (max. 20 m), use a junction box (local supply). For the connection to the junction box use cable type CO-SPEVV-SB-C 0.2X2P (option) and fabricate it as below. In this case, the length of the cable between the junction box and an intercom speaker must no be more than 1 m regardless of whether the equipment must meet EMC requirements or not.



Fabrication of speaker cable

LOUD HAILER LH-3000



NOTE

- *1: LOCAL SUPPLY.
- *2: CONNECTOR PLUGS FITTED AT FACTORY.
- *3: OPTION.
- *4: SOLDER DRAIN WIRE TO ARMOR OF CABLE AND CONNECT IT TO EARTH TERMINAL. DO NOT SHORT THE DRAIN WIRES ON THE HEAT SINK.
- *5: CABLING BETWEEN LH-3000 AND LH-3010:
 GREATER THAN 2m:
 USE JUNCTION BOX (JB).
 DISTANCE BETWEEN LH-3000 AND JB SHALL BE 20m OR LESS.
 DISTANCE BETWEEN JB AND LH-3010 SHALL BE 1m OR LESS.
 2m OR LESS:
 CONNECT CABLE FROM LH-3010 DIRECTLY TO LH-3000.

DRAWN Feb. 3 '04	K. MIYAZAWA	TITLE LH-3000
CHECKED		
APPROVED		
		NAME LOUD HAILER
DWG. No. C5646-C01-B		INTERCONNECTION DIAGRAM