



MOTOROLA FSK DEMODULATOR

MODEL TRN4728A
INSTALLATION INSTRUCTIONS

GENERAL

These supplementary instructions are provided for the installation of the Model TRN4728A (HAL ST-6000) FSK Demodulator when used with a Motorola Micom Series HF-SSB Base Station. In all cases, install the selected teletype unit as outlined in the HAL ST-6000 manual.

CAUTION

In addition to the following connections, all equipment in the system must be properly grounded.

Table 1. Connections for RTTY Base Stations (Other Than Tone Remote Control)

ST-6000 Function	Cable Name	Pin #	Wire Color	Station Function	Screw Terminal
KOS	KOS	1	WHITE	RTTY PTT	B1
GROUND	KOS	2	SHIELD	RTTY GROUND	B3
CW-ID	KOS	3	BLACK	N.C.	--
AUDIO INPUT +	AUDIO INPUT	1	WHITE	RTTY RCVR AUDIO	B2
AUDIO INPUT -	AUDIO INPUT	3	SHIELD	RTTY GROUND	B3
AUDIO OUTPUT +	AUDIO OUTPUT	1	WHITE	RTTY XMIT AUDIO HI	B4
AUDIO OUTPUT -	AUDIO OUTPUT	3	SHIELD	RTTY XMIT AUDIO LO	B5

Table 2. Connections for Tone Remote Control Consoles

ST-6000 Function	Cable Name	Pin #	Wire Color	Console Function	Screw Terminal
KOS	KOS	1	WHITE	RTTY PTT	TB1-10
GROUND	KOS	2	SHIELD	RTTY RECEIVE AUD (-)	TB1- 9
CW-ID	KOS	3	BLACK	N.C.	--
AUDIO INPUT +	AUDIO INPUT	1	WHITE	RTTY RECEIVE AUD (+)	TB1- 8
AUDIO INPUT -	AUDIO INPUT	3	SHIELD	RTTY RECEIVE AUD (-)	TB1- 9
AUDIO OUTPUT +	AUDIO OUTPUT	1	WHITE	RTTY TRANSMIT AUD (+)	TB2- 1
AUDIO OUTPUT -	AUDIO OUTPUT	3	SHIELD	RTTY TRANSMIT AUD (-)	TB2- 2

Table 3. Connections for Console Base Stations (Specially Equipped For RTTY Operation)

ST-6000 Function	Cable Name	Pin #	Wire Color	Console Function	Screw Terminal
KOS	KOS	1	WHITE	RTTY PTT	TB2-1
GROUND	KOS	2	SHIELD	RTTY GROUND	TB2-3
CW-ID	KOS	3	BLACK	N.C.	--
AUDIO INPUT +	AUDIO INPUT	1	WHITE	RTTY RCVR AUDIO	TB2-2
AUDIO INPUT -	AUDIO INPUT	3	SHIELD	RTTY GROUND	TB2-3
AUDIO OUTPUT +	AUDIO OUTPUT	1	WHITE	RTTY XMIT AUDIO HI	TB2-4
AUDIO OUTPUT -	AUDIO OUTPUT	3	SHIELD	RTTY XMIT AUDIO LO	TB2-5

* Motorola, Micom, and Console are trademarks of Motorola, Inc. © Motorola, Inc. 1980.