9VCD ADAPTER FOR MERIDIAN

The 9VDC adapter plugs into left side of the front panel of the Meridian to power it from the line. The adapter will work on 100-120 VAC 50/60 Hz.

SERIAL CABLE

The serial cable is designed to plug into right side of the front panel marked I/O. The other end of the serial cable plugs into the extension cable or into the HHT1 adapter.

EXTENSION CABLE

This is a 10 to 30 Meter cable that allows the HHT1 to be remoted from the Meridian.

HHT1

This is a remote terminal. It is supplied with the cable and the adapter. Plug either the serial cable or the extension cable into the adapter. The HHT1 may be operated off of its internal batteries. To charge the HHT1 or to operate it from the line, plug the 9VDC adapter into the HHT1 adapter. Charging takes approximately 24 hours.

Programming

The HHT1 is programmed as follows:

Hold down the CTRL and SHIFT buttons then push the F1 button. This will put the HHT1 into the programming mode. Press F5 to save the settings. The settings are:

FUNCTION	SETTTING
BAUD	9600
DATA BITS	7
PARITY	SPACE
DISPLAY/PE	DISABLED
REPEAT	FAST
ECHO	DISABLED
HANDSHAKE	DISABLED
SELF TEST	DISABLED
POWER SAVE	ENABLED

The HHT1 adapter has been modified from the drawing in the booklet, + is now the center of the power connector.

DISPLAY

The HHT1 will show only part of the menus because of the small display.   We recommend using the menu on the back of the HHT1.

COMMANDS 5085 MERIDIAN	
Q	Starts/Stops 1 second data transfer for rate ranges
MR	Changes mode to Rate
MC	Changes mode to CPM/S
MI	Changes mode to Integrate
MS	Changes mode to Scaler
MV	Shows all variables
FOR INTEGRATE OR SCALER MODES ONLY.	
S	Starts/stops/resets scaler and integrator
T	Sets time in HH:MM:SS for current mode
CALIBRATION SETTINGS	
D	*Sets discriminator*
H	*Sets High Voltage factor*
CF	*Sets the Calibration Factor: 3 digits, DP auto inserted X.XX*
CE	*Sets the Calibration Exponent: 2 digits*
CD	*Sets the deadtime*

Be careful of inadvertently changing the calibration, deadtime, discriminator, or high voltage because these will change the calibration of the instrument.