

TeleTalker 330™

Lineman's Test Set Instruction Manual



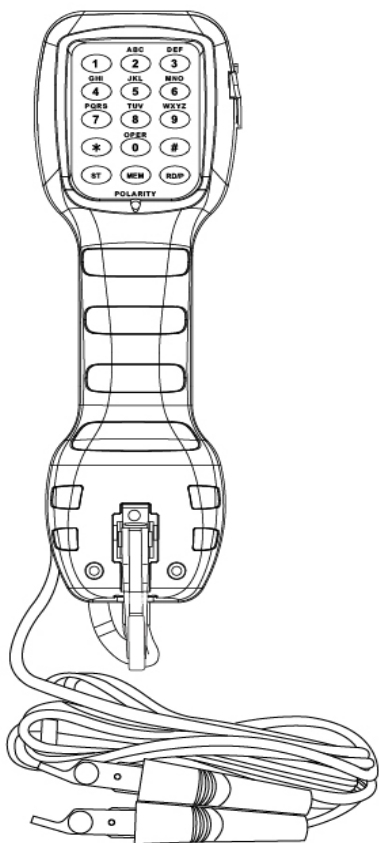
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Overview

The Triplet TeleTalker 330 is a rugged and durable professional Telephone Test Set providing all of the basic features necessary to test and maintain analog telephone installations. Housed in a sealed high impact polycarbonate case, the TeleTalker 330 is usable outdoors in all sorts of weather. A DSL Safe Monitor mode allows high impedance connection to telephone lines without interrupting DSL services or causing DC loading of the line. Clear communications are provided by a dynamic earpiece and an electret microphone. A long life elastomeric keypad provides both Tone and Pulse dialing. Advanced electronic circuitry provides line-powered 3 level voice amplification without the need for a battery. An LED polarity indicator gives visual indication of the line polarity. Convenience is enhanced by Last Number Redial and 10 user memories. An electronic ringer announces incoming calls and a field replaceable metal beltclip provides attachment to a toolbelt or hangup on a cable or peg. Both modular and alligator clip connections are provided. The high quality leadset is field replaceable, and terminated with professional grade 5 way test clips (ABN). The Triplet TeleTalker 330 will provide years of service and will complement any DIYer's, Installer's, Technician's, or Craftmen's toolbelt.

Features

- 1.** Advanced electronics provides industry standard features
- 2.** Talk, Ring, and Monitor functions
- 3.** Selectable Tone or Pulse dialing
- 4.** DSL Safe Monitor mode
- 5.** LED reversed polarity indicator
- 6.** Last Number Redial
- 7.** Surge and Overvoltage protected
- 8.** 3 level loudness control
- 9.** Field replaceable metal belt clip
- 10.** Durable cloth covered cord equipped with securely anchored strain relief, modular RJ11 plug, and five-way test clips
- 11.** Water-Resistant high impact housing



Operation

Connection:

Modular and alligator clip connections are provided. For modular connections, remove the headset plug at the base of the handset and plug the modular cable directly into the TeleTalker. See **Figure 1**.

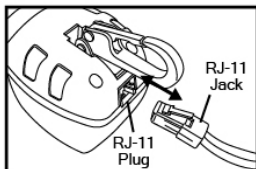


Figure 1

Alternately, use the 5 way test clips to connect to telephone terminal blocks, bare wires, or insulated wires (using wire piercing pincushions).

Keypad:

Use the keypad to dial any outgoing number. **Figure 2** shows the layout. Keys are provided for the stored memory function (MEM and STO) and Last Number Redial (RD/P).

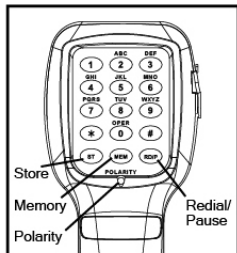


Figure 2

MONITOR / RING / TALK Switch (see Figure 3)

1. Data Safe MONITOR Mode:

In MONITOR mode, the talk set presents a high impedance to the telephone line. This means it does not significantly load the telephone line, and will not disrupt conversations, data, or signaling. However, any audio on the telephone line can be heard through the talk set's earpiece.

2.RING Mode:

In RING mode, an electronic ringer is connected to the telephone line. This is often called an 'on-hook' condition. The talk set will respond to any incoming phone call by sounding its electronic ringer.

3.TALK Mode:

To answer a call, seize the line, or initiate signaling, switch to TALK mode. If dialing select the PULSE or TONE mode, whichever is appropriate. To terminate a call, release the line by switching to RING or MONITOR Mode.

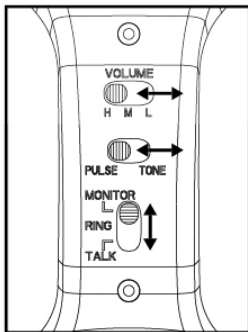


Figure 3

Function Select: (see Figure 3)

1. VOLUME Switch (H/M/L):

Select the desired loudness by choosing H, M, or L on the VOLUME switch.

2. PULSE / TONE Switch:

Use the PULSE / TONE switch to select the outgoing dialing format. PULSE selects the older legacy dialing format. TONE selects the newer DTMF dialing format. Many phone lines will work on either format.

Polarity Test:

Polarity is automatically indicated when in the TALK mode. The polarity indicator LED will light if polarity is reversed. Correct polarity is obtained when the red lead (RING) is negative (-), and the black lead (TIP) is positive (+).

Last Number Redial:

The last number dialed (up to 31 digits) in the TALK mode is automatically stored. To redial, press the RD/P (Redial / Pause) button on keypad. The number may be redialed in either pulse or tone mode as selected by the PULSE/TONE switch.

Storing Numbers to Memory:

The TeleTalker 330 allows you to store up to 10 frequently dialed numbers for easy access.

While in TALK mode:

1. Press ST (Store)
2. Enter the number to be stored (15 digits max.)
3. Press ST (Store).
4. Press the number key for the chosen memory location

How to put a Pause in a Stored Number:

It may be necessary to program a pause into the dialing sequence. Programming a pause into memory will cause the phone to wait 3 seconds before dialing any more numbers.

For example, a pause may be necessary when in an office and accessing an outside line. You can do this by pressing the RD/P button at the point where the pause is required. For example, to store the number 2-9429441 with a pause between the 2 and 9, enter 2 and press (RD/P) 9429441. Each pause will count as one digit. A longer pause can be inserted by pressing RD/P more than once.

How to Dial a Stored Number:

After receiving a dial tone, press MEM and the number key (0~9) for the memory location in which the number is stored. For example, to call the number stored in memory location 1, press MEM and then the number 1. The number will be dialed automatically.

Replacing Memory Storage Battery (see Figure 4)

Remove the belt clip (2 screws) and unplug the leadset. Remove the 4 black screws from the handsets housing. Separate the front and back shells of the housing at the end near the modular plug. Holding the end spread apart about an inch, wiggle and pull the housing until the opposite end releases. Carefully separate the front and back shells, taking care not to damage the wires. Locate the battery. Observing proper polarity, remove the expended battery and replace with a new one. Reassemble front and back shells, making certain no wires are pinched and the gasket is correctly aligned. The end of the shells near the earpiece snap together. Tighten the 4 black screws. Replace the belt clip and the test lead.

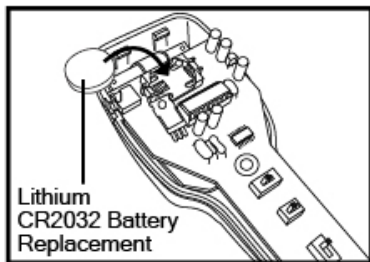


Figure 4

Specifications

Loop Limit	4K ohms max. at 48VDC (5km, 26Ga) nominal 15mA minimum loop current.
DC Resistance	150 ohms Typical at 80mA current.
Monitor Impedance	MONITOR: 100K @ 1KHz RING: 600 Ohms @ 1KHz
Rotary (PULSE) Dial Pulsing Rate Percent Break Interdigital Pause Leakage During Break	10 +/- 0.5 pulses/sec 60% +/- 2% 8.5ms Typical > 50K ohms
DTMF Output Tone Frequency Error Level of Tone Pair Skew	+/- 1.5% + 2 dBm max. , -8 dBm min. 4 dBm max.
Physical Length Width Height Weight	22.4 cm (8 4/5 inches) 7.12 cm (2 4/5 inches) 7.0 cm (2 3/4 inches) 380 g (13.4 ounces) max.
Battery	CR2032

3 Year Limited Warranty

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