Tempo®

A Textron Company

DSTS2 *with DSP*

OPERATING INSTRUCTIONS

FEATURES AND SPECIFICATIONS

Tone Dialling: level -5 to -11dBm,
100msecs min duration <1.5% freq. error.
Pulse dialling, 10 pps, 63% break +/- 5%
Last Number Redial with >5 minutes off-line memory
Timed-Break-Recall - 100ms.
Loop-start or Ground-start lines, Ground-start -
button. Ground pick-up via third wire in line cord.
Sounder, warble tone. (on-hook, Monitor)
Polarity test , < 10mA Red and Green LED's
Long line operation: >2kOhms or <10mA,
minimum line voltage < 6.0V
ETSI TBR37/38 compliant
EMC: EN55022 class B & EN50082-1
LVD: EN60950

Protected against:
Digital services up to 500Vdc (DSP)
AC power up to 300Vrms
Raw battery voltages.
Lightning surge
Excess current
Electrostatic discharge
Acoustic shock
High impedance Monitor facility:
Monitor is Data and Digital-safe
Easy shoulder placement
Tough, durable case, 3m impact resistance
Versatile belt clip/hanging loop.

MONITOR MODE

Monitor

The high impedance monitor allows observation of the line for service quality or availability. There will be no perceptible click or reduction of level to callers when it is connected. Monitor is safe on digital and data circuits but be careful with digital signals - they may not be audible.

Sounder

The sounder will warble in Monitor mode when there is an incoming call and it will chirp if connected across a line with live Pulse dialling. It will also buzz continuously if an attempt is made to go off hook on a high voltage digital service,
see the section on DSP.

Polarity test

The polarity test may be conducted on a line after monitoring to ensure the line is free. Do not test polarity during live calls - it will cause loud clicks. Connect to line, press the polarity button and observe the polarity window at the centre of the keypad.

If you are using an accessory cord-set:

Red LED   = Red wire connected to positive.*

Green LED = Red wire connected to negative.

* UK plug: pin 2 positive, pin 5 negative.

* RJ11 plug: pin 4 positive, pin 3 negative.

WARNING:

Do not conduct the polarity test in the presence of AC power. Damage to the unit will result.

TALK MODE

Dialling

Select dialling mode via the TONE/PULSE switch.
Connect to line and monitor to ensure the line is free, then switch to TALK. Check for dial-tone.
It is possible to switch from PULSE to TONE at any time (but not from Tone to Pulse).

Redial

Switch TALK to MONITOR to TALK, then press LNR. Digits are re-dialled in the dialling mode they were entered previously.
After disconnection from the line, the LNR memory is kept for >5 minutes.

Timed-Break-Recall

For register recall. Press the TBR button to give a line-current break.

Mute

It is possible to cut-off transmission by muting the microphone.
Pressing the MUTE button will offer privacy or will reduce sidetone in noisy environments. Release the button to talk.
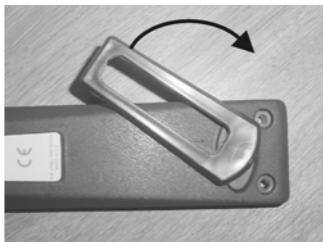
Ground-start operation

DSTS2 may be used on ground-start (or earth- calling) lines. Connect a ground to the green wire of the line-cord (pin 3 of the BT UK plug - if fitted and pin 5 of RJ11 - if fitted). Switch the DSTS2 to TALK then press and release the G/S button.

CORD SETS

A range of alternative cord sets for the DSTS2 are available. In addition we can also supply modular adaptors (break-out connectors) to suit many types of modular and frame jack sockets. Please contact your nearest supplier for further details.

BELT CLIP/HANGING LOOP

Rotate the clip to use as a
hanging loop.

DSP ALARM & OVERVOLTAGE PROTECTION

DSP (Digital Services Protection) fully protects the phone against the high voltages associated with many digital services. In addition the phone is protected against connection to mains AC power circuits. If an attempt is made to go off hook (TALK mode) on a circuit with a potential of more than 115V ± 5Vdc the DSP alarm will sound (a continuous buzzing tone is emitted). The line is not looped and the internal circuitry is protected.

If the phone is accidentally connected to AC mains in MONITOR mode (on-hook) the phone will ring continuously.

If in TALK mode the line will not be looped and the DSP alarm will be emitted.

In either case *disconnect immediately !*

WARRANTY

Tempo Europe Ltd warrants this product and each part thereof for a period of one year. Warranty covers all defects of manufacture and materials.

Tempo Europe Ltd. agrees to remedy warranty defects free of charge provided that: the product is returned pre-paid to the supplier, it is adequately packed and labeled, all parts are returned and warranty seals (if fitted) are not broken.

Warranty does not cover normal wear and tear, accidental damage, misuse, abuse or neglect and is voided by any unapproved modification.

REPAIR

Contact your supplier or Tempo Europe Ltd. for advice.

Return all parts - missing parts will be replaced and charged for. Clearly describe your fault and enclose details. Repairs within the warranty period will be repaired free of charge.

Include your name, return address, telephone and fax numbers. Pack in a strong secure box and despatch by a recorded and insured delivery service.

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