PRODUCT DESCRIPTION

In today's evolving world of communications, technicians encounter an ever increasing amount of data on copper lines. Whether installing, servicing or simply maintaining voice service, the technician must consider the possible presence of digital traffic. Tempo's D361 Test Sets offer the latest in data protection, allowing technicians to test the POTS service on a live xDSL line without fear of bringing down the data service.

With this innovative design, Tempo continues on the cutting edge of butt-in test set technology, setting new, unmatched standards in both quality and customer satisfaction. Our test sets give new meaning to the term "weatherproof" with an award-winning, waterproof case design that allows technicians to operate with confidence in even the most extreme weather conditions. Other key advancements include a high-voltage alarm and a quick release, non-metallic belt clip composed of Verton® RF, a strong, lightweight structural composite. This combination of rugged technology enables Tempo to offer the best warranty in the industry - 3 years.

Meter Pulse/Mute
"A" lead +ve
Monitor Mode
Replace Battery
"B" lead +ve
Talk Mode

Audio Monitor

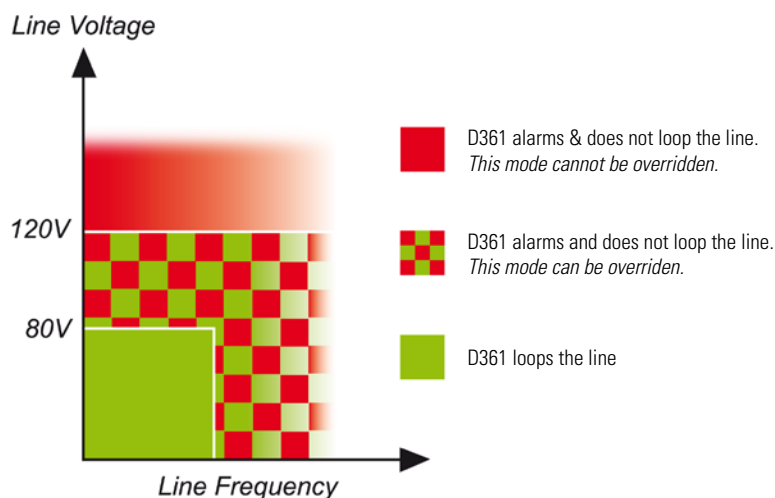| Alarm	Traffic	Alarm	Traffic	Alarm	Traffic

250mSec   400mSec

FEATURES

- Two-way Speakerphone
- xDSL Compatible
- Meter Pulse Detection (Option)
- Detection and Lockout of Data Services: T-1, E1, ISDN (BRI and PRI), SW56, ADSL, HDSL, VDSL
- Built-in Ringer with Adjustable Ring Tones
- 10 x 32 digit Speed Dial Memory
- Last Number Redial
- Microphone Mute
- Easy-to-use Talk and Monitor Keys
- Audible and Visual Mode Indicators
- Line Polarity Test in any Mode
- Digital Safe Line Monitor
- Speaker Volume Control
- Unique 'Quick Release' Belt Clip
- Replaceable premium cordset

KEY SPECIFICATIONS

- Award Winning Waterproof Design
- Works dial tone on xDSL lines
- High Voltage protection with alarm
- Safe around digital services

VDSL D361 xDSL Compatible Telephone Test Set

Novel circuit design takes account of the diverse conditions found on modern distribution line plant.

Line Voltage / **Line Frequency**

D361 alarms & does not loop the line. *This mode cannot be overridden.*

D361 alarms and does not loop the line. *This mode can be overriden.*

D361 loops the line

Enter Talk Mode → Is Digital Traffic Present? — Yes → Lockout & Alarm → Is Override Activated? — No / Yes → Is DC Present? — No / Yes → Is Hi DC Present? (80-120V → Lockout & Alarm) (>120V → Lockout & Alarm) — No → Go "Off Hook" ← Is Override Activated? — Yes / No

SPECIFICATIONS

Electrical:

Loop Limit:	5 kΩ ohm
Minimum Loop Current:	10 mA
Maximum Off-hook DC Resistance:	300 Ω ohm
Minimum DC Resistance in Idle, Monitor and Lockout:	10 M ohm at 300 Vdc
Minimum AC Impedance in Monitor:	400 k ohm at 1 kHz
Span Power Lockout Range:	120 Vdc minimum
	450 Vdc maximum

Pulse (Rotary) DIAL:

Pulse Rate:	10 pps +/- 0.1 pps
Break/Make:	60/40% +/- 1%
Interdigit Interval:	800 +/- 50 ms

DTMF Output:

Tone Level:	-6 dBm nominal
Tone Frequency Error:	+/- 1% maximum
Tone Twist:	2 dB +/- 1 dB
Flash Duration:	100 ms nominal

Memory Dialling

Stored Number Capacity:	10 plus last number redial
Stored Number Length:	32 digits per stored number
PBX Pause:	4 seconds

Power Source

9Vdc Alkaline Battery Life:	3 months nominal
	30 hrs of continuous loudspeaking
Low Battery:	Visual and audible indication
Auto Shut-off:	5 minutes with no line DC
	20 minutes with line DC
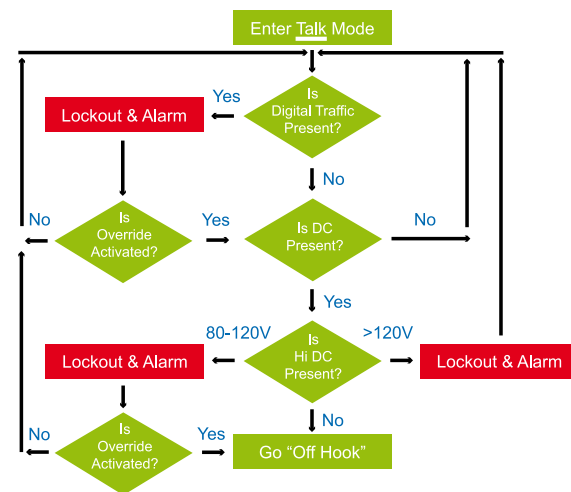
ENVIRONMENT

Operating Temperature:	-29° F to 140° F (-34° C to 60° C)
Storage Temperature:	-58° F to 167° F (-50° C to 75° C)
Water Resistance:	IP67 per IEC 60529 (submersion in one metre of water for 30 minutes)
Physical Shock:	20 foot drop test onto concrete Bellcore TR-TSY-000344

Physical:

• Length:	9.75in (248mm)
• Width:	2.75in (70mm)
• Height:	3.375in (86mm)
• Weight:	1.32lbs with battery

Warranty: Three Years

ORDERING INFORMATION

Part Number	Description
52024196	DigAlert 361, ETSI Compliant, xDSL Compatible, 2 Way Hands Free

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