

MT-8100 Butt Set

■ Rugged ■ Exterior ■ Voltage Test

IP54

IEC/EN 60529

CE

Pb RoHS
COMPLIANT

Waterproof

Dustproof

Drop Protection

- High impedance monitor
- Line voltage test
- Line Continuity test
- Polarity indication
- Two-way hands-free speakerphone
- Tone and pulse operation
- Speed dialing
- Last number redial
- PBX pause button
- Mute switch
- Electronic adjustable Volume
- Auto power off
- Low battery indication
- Audible ring.
- Extra large steel locking belt clip
- Angled bed of nails and RJ11 plug

Pro'sKit®

MT-8100

Butt Set

Waterproof Dustproof Drop Protection

► Specification

ELECTRICAL

Loop limit	2 K Ω maximum at 48 VDC (nominal 20 mA minimum loop current)
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DC resistance

Talk Mode	300 Ω typical
Monitor impedance	39k Ω nominal at 1 KHz

Rotary dial output

Pulsing rate	10pps+0.8pps
Percent break	61% \pm 2%
Interdigit interval	1000 ms typical
Leakage during Break	>50 K Ω

DTMF output

Tone frequency error	\pm 1.2% maximum
Tone level	-8 \pm 2dBm combined (typical)
High versus low tone Difference	4 dB maximum

Memory dialing

Memory capacity	13 memories including M1, last number redialing
Digit capacity	16 digits per memory
PBX pause duration	4 seconds
Line Voltage Test	5 Phase AC/DC voltage indication (under 24 V · 24~100V · 101~150V · 151~200V · more than 200V)

Monitor amplifier power source	9V transistor; provides 25 hours continuous use, typical
Automatic power shut off(Monitor type)	After 5 min. of no audio signal

Speaker phone levels	Electronic adjustable
Power source	battery (9V) 6F22

PHYSICAL

Measurement	230 x 82 x 89mm (9-1/16" x 3-15/64" x 3-1/2")
Weight	635g typical
Water Resistance	Dust protection & Waterproof tested to an IEC/EN 60529 IP54 rating
Cord Sets	Angled bed of nails and RJ11 plug

ENVIRONMENTAL

Temperature	Operating : 0 to 50°C Storage : -10 to 60°C
Altitude	To 10,000 feet (3,000M) max
Relative humidity	5 To 95%



Picture for reference only. Please check with your supplier for exact offers. All specifications are subject to change without notice.

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Eclipse Enterprises, Inc.

13302 Chula Road, Amelia Court House, VA 23002
Phone: 804-561-2610 Fax: 804-561-2642
Web Site: www.eclipsestools.com

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	Pro'sKit	Pro'sKit	FxxKE	TxMxO	Pxlxdin
	400-042	MT-8100	Tx44 PRO	Px961	PxL-1780
Loop limit	2kΩ 48Vdc	2kΩ 48Vdc	Current Range (Off-Hook): 10 mA to 100 mA	5kΩ	●
Talk Mode DC resistance	300Ω	300Ω	150Ω	300Ω 10mA	●
Protection degree IEC/ EN 60529 IP54 dust & water prevent.		IP 54	40 mph	IP67	●
Drop test		10 foot	Two 20-foot drops and twelve 12-foot drops onto concrete	20 foot	
Line voltage test.		5 Phase AC/DCV (0~24V~50V~100V~200V more than 200V)	5 Phase DCV (0~2V~42V~53V~140V more than 140V)	provides	
Line Current Test			2Phase DCmA(less than 23mA greater 23mA)	provides	
Line Continuous test.		●			
High impedance monitor.	39kΩ @1kHz	39kΩ @1kHz	>120 kΩ; 300 Hz to 3400 Hz	400kΩ @1kHz	●
Memory capacity	12	13	10	10	10
Digit capacity	16	16	23	32	23
Two-way hands-free speakerphone.	●	●	●	●	●
Data safe monitor			●	●	
Amplified monitor speaker	●	●	●	●	
Tone and pulse operation.	●	●	●	●	●
Speed dialing.	●	●	●	●	●
Last number redial.	●	●	●	●	●
PBX pause button.	4sec	4sec	4sec	4sec	
Mute switch.	●	●	●	●	
Polarity indication.	●	●	●	●	●
Auto power off.	●	●	●	●	
Volume control levels.	3 Phase	Electronic adjustable volume	●	●	●
Low battery indication.	●	●	●	●	●
Audible ring.	●	●	●	●	●
Large steel locking belt clip.	●	●	●	●	●
Alternate belt clip location		●	●		
Angled bed of nails	●	●	●	●	●
RJ11 plug		●	●		
CE approved.	●	●	●	●	●

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