

500XP PAIR
TRACING PROBE

THE MOST ADVANCED PROBE ON THE MARKET

TESTING | TROUBLESHOOTING | ACCURACY

Product Features:

Dual LED Indicators: Provides real-time proportional signal strength feedback.
acAlert™ Voltage Detection (Optional): Emits audible and visible alerts if brought near wires that have AC mains power voltage.[1]
Mains Power Hum Filtering: Eliminates hum noise, so you can focus on tracing the correct wire (60 Hz default, 50 Hz user selectable).
Bandpass Filters: Further reduces noise. Separate LED display with real-time signal strength indicators. Best used when combined with Tempo Tones set to 577 Hz and 983 Hz.[2]
Industry Standard: Works with a variety of toners (500 Hz to 2.5 kHz).
Nautilus® Environmental Protection: Environmentally protected against dust and moisture. Drop and Crush resistant.
Three Year Limited Warranty.

- Two-button operation enables the technician to quickly and easily switch modes
- Rugged and water-resistant design allows for tracing in all environments
- Improved signal fidelity helps to trace longer cable loops



Ordering Information:

CAT. NO.	DESCRIPTION
500XP	500XP Pair Tracing Probe (POS)
500XPB	500XP Pair Tracing Probe (Boxed)
HS001	Replacement Headset
500XPH	500XP with 200C Holster

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500XP SPECIFICATIONS



Telephone Compatibility:	Suitable for telecommunication network (TNV-3) signals. May also be used on other networks with similar maximum voltage limits.
Maximum Tip Voltage:	100V - Emits audible and visible alerts if brought near 50 - 60 Hz AC power cables (acAlert™)
Maximum Transient:	500V (1.2 / 50 µs)
Sensitivity:	Adjustable, 0 dB to ≥ 60 dB
Frequency Response:	200 Hz to 3 kHz
Crush Resistance[3]:	220 lb (100 kg)
Drop Resistance[4]:	10 ft (3 m)
Dust Resistance:	IP67 Rated: Total Dust Ingress Protection
Water Resistance:	IP67 Rated: Floats.
Operating Temperature:	-4 to 122°F (-20 to 50°C)
Hearing Protection:	< 103 dB SPL Peak when used with Tempo headsets
Battery Type:	9V PP3
Battery Life:	> 50 Hours

[1]acAlert™ warns of the presence of hazardous voltage. The 500XP is not intended to be come in direct contact with any external power supply, but is safe up to 100V.
[2]Not bandpass mode; Bandpass mode is optimized for use with Tempo Communication's precision tone generators at 577 Hz & 983 Hz.
[3]Distributed load.
[4]Water and dust resistance cannot be guaranteed if damage to the casing occurs.

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