



TIANJIN GREWIN TECHNOLOGY CO.,LTD.

Web:www.grewin-tech.com WhatsApp:+86-13072088960

Email:salesmanager@grewin-tech.com



PCLD-902P

Digital Cable Fault pin-pointer

User Guide

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Introduction

The PCLD-902P Digital Power Cable Fault Pin-pointer is an easy operation device used to pinpoint the fault point.It's matched with high voltage signal generator.



Fig.1 PCLD-902P



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Design Features

- Audio magnetic synchronous method,high anti-interference capability
- Audio and magnetic signal waveform display.Signal and noise is easy to distinguish
- Cursor measurement of audio magnetic delay,accurately distance locating
- Route tracing while pinpointing according the initial polarity of magnetic waveform
- Build-in High capacity lithium-ion battery and quick charger
- High performance antinoise earphone
- Power supply management:power off automatically in 15 min. without action; Power off also when low battery voltage.
- Big LCD screen,user-friendly
- Solid housing case and easy to carry



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Tech. Specifications

Audio magnetic synchronous pin-pointing:

Audio signal transmission band	Mid-frequency 400Hz ,bandwidth 200Hz.
Gain of signal channel	80dB
Accuracy of pin-pointing	0.1m

Power supply:

Battery	built-in Li-ion battery pack, nominal voltage 7.4V,Capacity 3000mAH
Power consumption	300mA ,works more than 9 hours
Charger	Input AC220±10, 50Hz; output 8.4V, DC 1A
Charge time	More than 4 hours

Other

Display	320*240 LCD
Volume	270*150*210mm
Weight	1.5kgs
Work condition	-10℃—40℃ Humidity5-90%RH Elevation:<4500m

Physical Characteristics

PCLD-902P Digital Power Cable Fault Pin-pointer

Standard configuration:

Main unit

One sensors

High performance antinoise earphone

Charger

● Main unit panel

Details as Fig.2

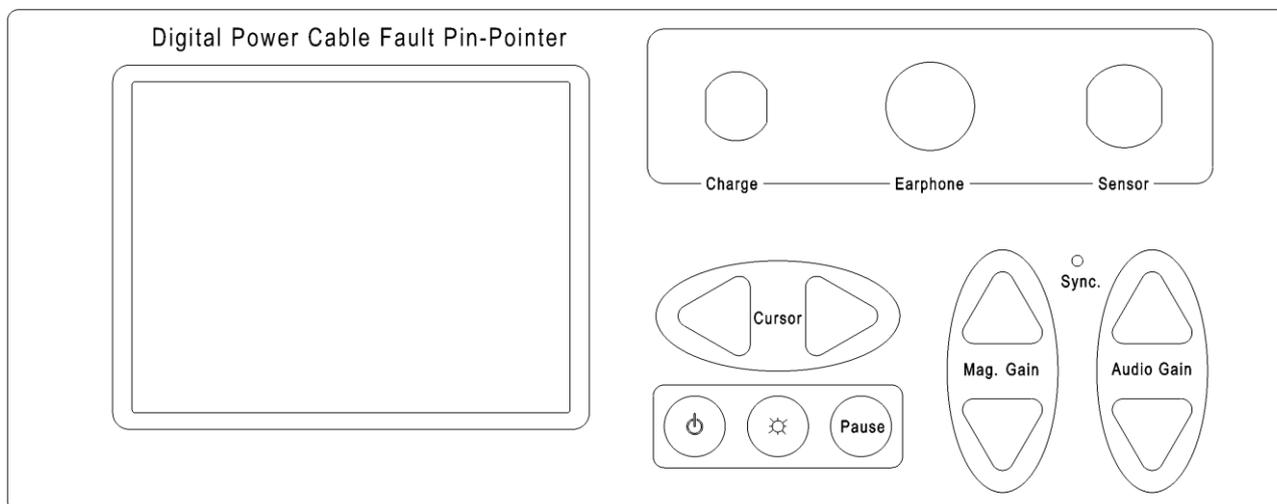


Fig.2 Main unit front panel

Details:

1. LCD screen: Display device and testing informations.

2.  Press 2 sec. to turn on/off the device

3.  Press to turn on/off the backlight



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4. Pause: Press to pause the magnetic synchronous trigger for waveform checking. Press again to recover.
5.   Move the cursor
6. Mag.gain+/-: change the gain of synchronous magnetic signal
7. Audio gain+/-: Adjust the audio signal gain when distance locating and pinpointing
8. Sync.: flash one time when magnetic trigger
9. Charge port: charge for the build-in battery
Earphone port: Voice monitor when pinpointing
Sensor: Connect with audio magnetic synchronous pinpointing sensor