Fieldpiece®

Wireless Thermal Printer

OPERATOR'S MANUAL

Model: CATPR

Safety Warning

Only use the supplied lithium battery and a 5W power adapter with this printer; otherwise, it may cause the device damage, battery leakage, fire, and even cause an explosion.
Do not put the battery into a fire or apply direct heat.
Do not disassemble battery. Could cause the battery to leak, and create a fire, or an explosion.
The battery's liquid is corrosive. If the battery leaks for any reason please wash skin or clothes immediately with plenty of clean water.
If the battery liquid enters your eyes, wash with plenty of clean water at once and seek medical attention.

Safety Notice

Do not touch the paper tear-off knife.
Do not touch the print head, it is a heated part. Please do not touch the print head or any other parts around it during or after the printing process.
Do not touch the print head and plug in parts to avoid print head damage.
Do not open the top cover when printing, otherwise it may cause printer to fail.
Use recommended thermal printer roll or one of same quality to ensure printer life and performance.
Do not print when the printer is out of paper to avoid damage to the print head and rubber roller.
Keep printer away from water. Avoid shock by not touching printer if wet.
Keep this manual for your reference.

What's Included

- Printer
- Lithium Battery
- Micro USB Charging Cable
- Roll of 2.25" (58mm)Thermal Paper
- Operator's Manual

Specifications

Print technology: Direct thermal
Paper type: Thermal paper roll
Paper width: 2.25" (58mm)
Paper diameter: 2" (50mm) max, 0.35" (9mm) min
Paper thickness: 0.06 - 0.08mm
Print width: 1.9" (48mm)
Resolution: 203 DPI
Print speed max: 2.25"/sec (60mm/sec)
Interface: RF wireless
Charging Port: DC 5V-1A
Lithium battery: 2200mAh ; 7.4V
Battery Life: 7 days (standby)
Printer weight: 0.57 lb ; 256g (includes battery)
Printer dimensions:
5" (W) x 3.43" (L) x 2.4" (D)
127mm (W) x 87mm (L) x 61mm (D)
Operating environment:
41°F to 131°F (5°C to 55°C), 20 - 90% RH
Storage temperature:
-13°F to 131°F (-25°C to 55°C), 20 - 93% RH

Operation

Quick Start

1. Load paper. See "Paper Roll Install" section.
2. Hold down POWER on the printer to power on.
3. View a job REPORT on your combustion analyzer.
Connection is automatic. If your analyzer shows "SEARCHING" instead of "PRINT" on the REPORT screen, verify the printer is powered on and within range.
4. PRINT the REPORT from your combustion analyzer.

Battery Charging

Connect the micro USB cable from the side of the printer to any USB plug with 5VDC output. CATPR can be used while charging.

Paper Feed

Hold the right arrow button down ➡ until the desired length is reached.

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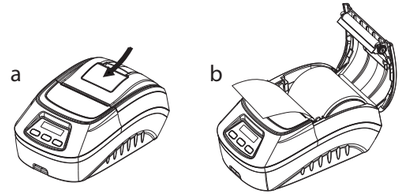
Paper Roll Install

One roll of 2.25" (58mm) thermal (receipt) paper is included. Refills are easy to find at office supply stores (Fieldpiece does not supply paper).

a Lift the lever to release and open the top cover.
b Place the roll of thermal paper into the open cavity, following the illustration below for paper orientation.
Warning: Printer will not print if paper orientation is not correct.
c Close the top cover until you hear a snap.



Settings Menu

Press the MENU button to both enter the settings menu and cycle through settings. At the desired setting, press the right arrow button to cycle through options. At the desired option, press SELECT to save and exit.

Settings List

(1/12) Density: 0, 1 (Default), 2, 3, 4, 5
Density effects the dot density of the printed font, higher number means more bold, or higher density.
(2/12) Paper: CONTINUOUS (Default), BLACKMARK
Select the paper type. Blackmark is used for adhesive labels.
(3/12) Beeper: OFF, ON (Default)
Turn the sound on or off. Beeper factory default is set to ON.
(4/12) Hex: OFF (Default), ON
Set to OFF. This is used by the factory for troubleshooting.
(5/12) Sleep: OFF (Default), 10s, 30s, 60s, 90s
To conserve battery life, select how many seconds before the backlight turns off.
(6/12) Shutdown: OFF (Default), 10m, 30m, 60m, 90m
To conserve battery life, select how many minutes before the printer powers off.
(7/12) Selftest: OFF (Default), ON
Turning this setting ON, the printer will print currently selected settings.
(8/12) Language: EN (Default), CHINESE
Language selection defaults to English (EN).
(9/12) BLE Information:
Remaining screens are not adjustable, but shows the appropriate information relating to the printer.
(10/12) Printer Name: CATPR_[ID #]
(11/12) BLE Address: (Unique sequence displayed)
(12/12) Version: Firmware Version

Certifications and Module IDs

FC
2ALHR-CATPR

Waste Electrical and Electronic Equipment

IC: Industry Canada
22518-CATPR

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

. Reorient or relocate the receiving antenna.
. Increase the separation between the equipment and receiver.
. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
. Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This device complies with Industry Canada licence-exempt RSS-247 standard. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

IC Radiation Exposure Statement: This equipment complies with IC RSS-102 radiation exposure limit set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0.5 cm between the radiator and your body.
Fieldpiece Instruments 1636 West Collins Avenue, Orange, CA 92867

Limited Warranty

This printer is warranted against defects in material or workmanship for one year from date of purchase from an authorized Fieldpiece dealer. Fieldpiece will replace or repair the defective unit, at its option, subject to verification of the defect.

This warranty does not apply to defects resulting from abuse, neglect, accident, unauthorized repair, alteration, or unreasonable use of the instrument.

Any implied warranties arising from the sale of a Fieldpiece product, including but not limited to implied warranties of merchantability and fitness for a particular purpose, are limited to the above. Fieldpiece shall not be liable for loss of use of the instrument or other incidental or consequential damages, expenses, or economic loss, or for any claim of such damage, expenses, or economic loss.

State laws vary. The above limitations or exclusions may not apply to you.

Obtaining Service

For international customers, warranty for products purchased outside of the U.S. should be handled through local distributors. Visit our website to find your local distributor.

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