



DM100 Power meter

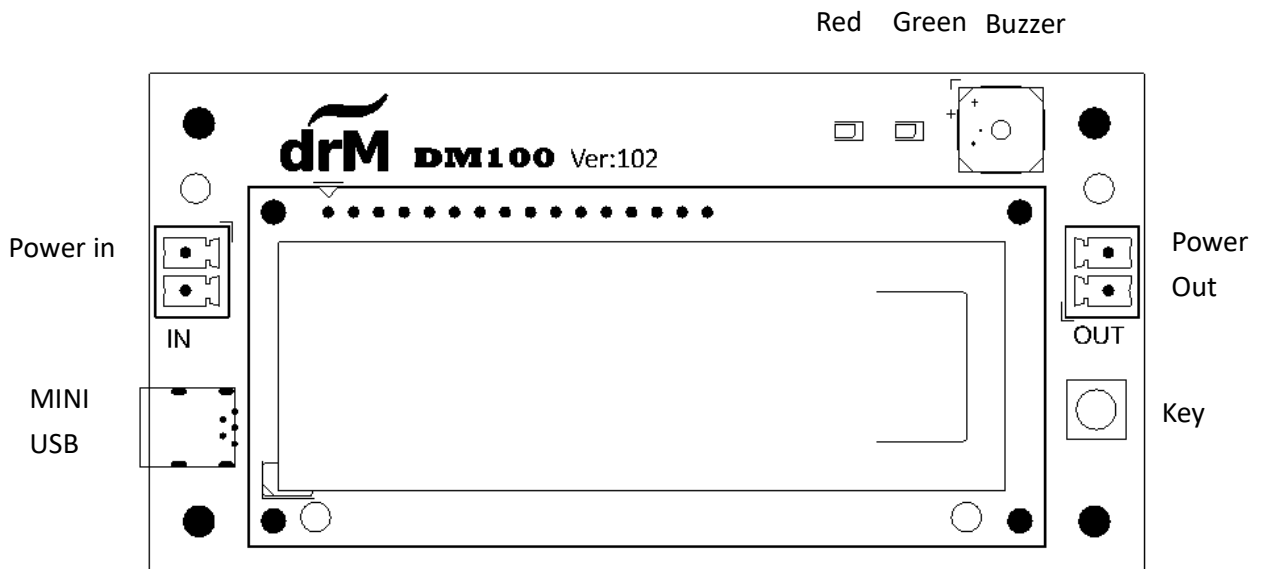
Ver1.00

DM100

Features

1. For Z/N/TT/HO/OO/O gauge
2. Large LCD display.
3. Measure power source type DC or DCC.
4. The measuring voltage range is 7V~20V.
5. The measuring current range is 100mA~8A.
6. You can set the rail voltage to be lower than the set voltage or higher than the set current to generate a buzzer warning sound.
7. Size 100mm x 50mm x 14mm.

Panel description



Red LED	Warn LED
Green LED	Normal LED
Buzzer	Warn Buzzer
Power IN	Track power IN
MINI USB	Only for PC version.
Power OUT	Track power OUT
KEY	Set the options button.

Instructions for use

1. Power IN connects to DC or DCC controller output.
 2. Power OUT connects to track.
 3. After the controller turns on the track output, the DM100 screen will turn on the display.
 4. After 3 seconds of power on, the screen will display the rail voltage and current consumption.
 5. The screen displays the word "Vol" followed by the measured rail voltage.
 6. The screen displays the word "Cur" followed by the measured track current.
 7. The LCD backlight will turn off after the monitor is powered on for about 10 minutes, but the LCD will still display voltage and current information. If you want to turn on the LCD backlight, press the KEY again to turn it on again.
 8. When the track power supply exceeds 6A for a long time, please add a small fan to help DM100 dissipate heat.
- Set warning lights and sounds.
 1. Turn the controller output off.
 2. Keep pressing KEY to turn on the controller output. Wait until the LCD displays the voltage and current setting page before releasing the KEY.
 3. Press the KEY again briefly and the voltage will start to increase. When the voltage reaches the required value, long press the KEY until the Warn LED flashes once to complete the voltage setting. Next, set the current and turn the Buzzer on and off in the same way.
 4. After the setting is completed, the controller needs to turn off the output and then power on again for the setting value to take effect.

Precautions

- Do not place any conductive materials (liquid, metal...) on the DM100.
 - Do not remove or replace any components under the speedometer.
 - Keep out of the reach of children under 14 years of age.
 - The occurrence of the above situations will cause the speedometer to be damaged.
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