NEW-PCB Display

Jinhua Ruidi Vehicle Industry Co.,Ltd

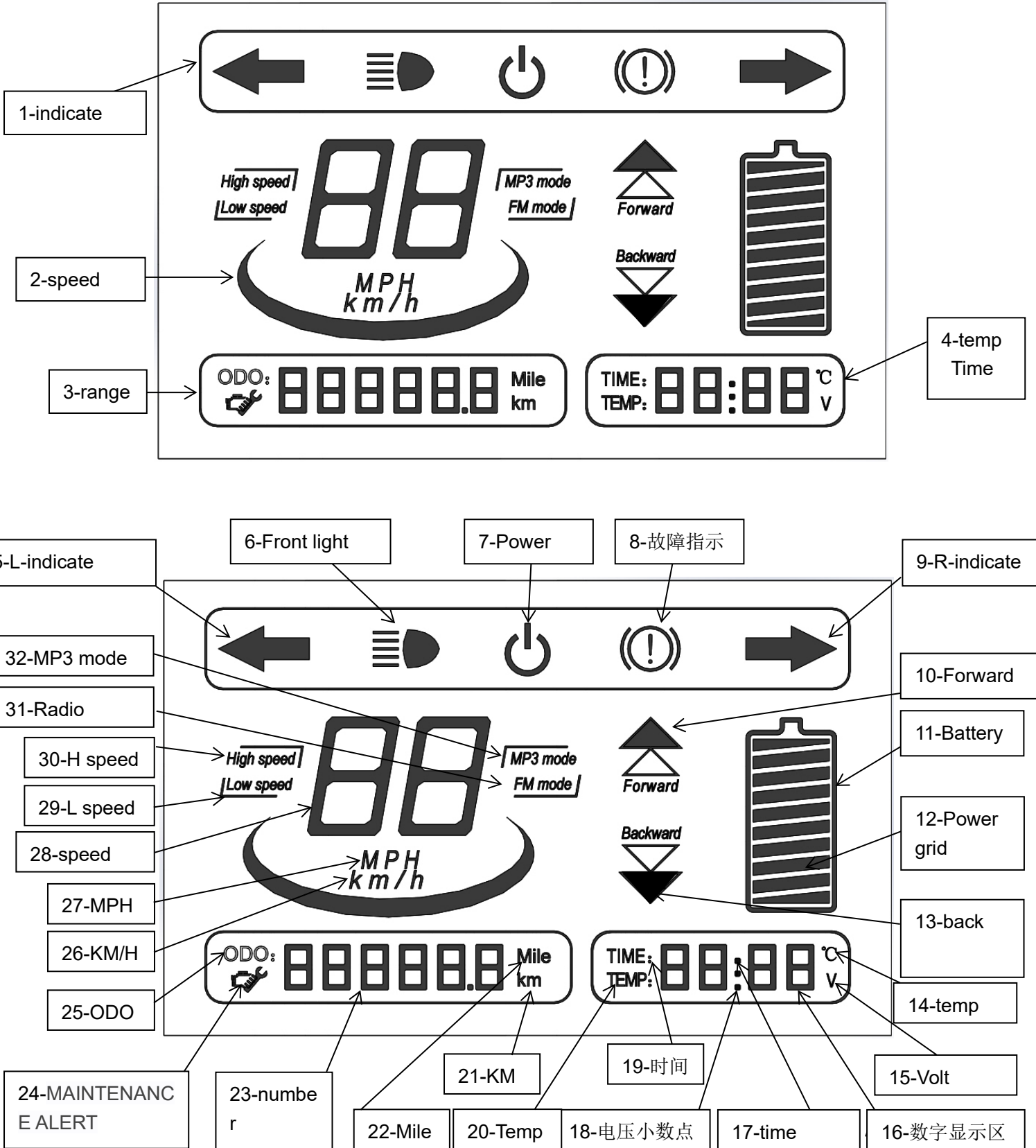technology

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Catalogue

Display PCB

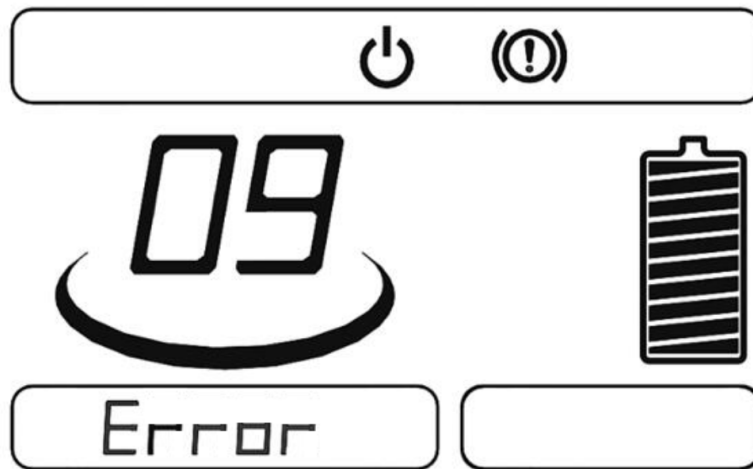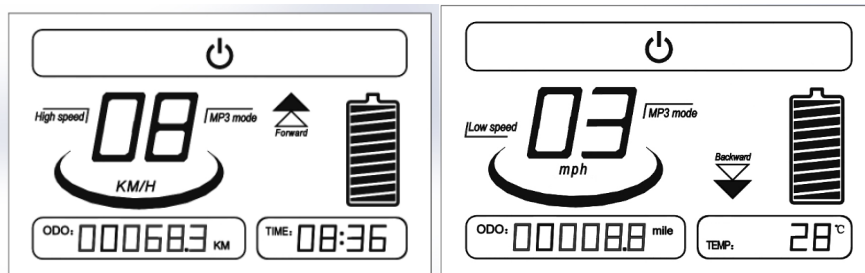## 一、LCD 显示屏样式

二、新增功能如下：

1，　　Increase temperature, time, and voltage display in turn, display residence time 5 seconds.

2，　　2. Add MP3 mode and FM mode to display the current playback mode of the power amplifier box. The radio chip is changed to no need to press the stop button to search for channels, realizing that each press the "previous" or "next" button to search the previous or next frequency band and play

3，　　3. When driving forward, forward and arrow are displayed; when driving backward, backword and arrow are displayed; meanwhile, a socket is added to output a continuous voltage of 24V when backing up. For use with a reverse radar. To solve the problem of sometimes not having the reverse radar display in the process of reversing.

4，　　When fault alarm is given, the Error code will be displayed in double 8 zones of speed. For example, the flashing mode of the fault indicator light and the fault prompt symbol is 8 short and 1 long. Note: the fault alarm code will display 2 cycles after the fault indicator flashes

如图：

Increase speed and mileage of the British system, the metric system can switch display mode.

5，　　Add turn signal buzzer to remind. Can be set in the program.

6，   Add the function of highlighting brake lights (highlight when slowing down, low on headlights).

7，   Add the function of delaying the turning off of headlights. That is to say, turn off the electric door lock when the headlamp is on, and the big light will remain on until it is off after 30 seconds, so as to facilitate users to use at night.

8，   Newly upgraded voice prompt function, human voice simulation.

9，   Increase the setting of speed regulation program in voltage tachometer mode, and change the previous regulation method of potentiometer.

10，   Add bluetooth function to power amplifier box.

11，   When the charging voltage does not rise for 15 minutes, the electric quantity symbol will not increase. Note: full charge is subject to charger instruction.

12，   Due to the increase of functions, pin13 position of the main line is inserted in pin11 position, and 1212-z V1.7 version or above is used with the switch board.

13，   Add a 24V output interface for other devices.
LCD backlight is white.

Operation instructions of factory mode

Press the cart button first, then press the headlight button for more than 3 seconds to enter the factory setting mode. The first number on the left side of mileage displays "1 ~ 9", which respectively represents the mode setting code. Press the cart button to enter the next setting item, indicating:

"1"： Push mode setting

"2"： Wheel diameter setting

"3"： speed mode option

"4"： Voltage profile voltage setting

"5"：Cumulative mileage display function selection

"6"：Metric - British option

"7"：Horn mode selection

"8"：Voltage tachometer mode speed compensation setting

"9"：Taillight mode selection

"10"：Reverse signal delay closing time setting

1、 **Setting of cart mode: Speed digital double 8 zone flashing, press left or right to set cart mode, 0,1 represents different modes. 0 is to click and press once to start the cart mode, and then click and press once to close the cart mode. 1. Long press the push button to open the push mode, release the push button to close the push mode. The default value is 1**

2、 **Wheel diameter setting: Speed figure double 8 area flashing represents wheel diameter, default value is 33, press left to set plus, press right to set minus.**

3、 **Speed mode selection: Speed digital double 8 area scintillation represents the speed mode, 1 is the motor voltage speed mode, 0 is the dry reed tube speed mode, press the left and right steering keys to select the setting. The default value is 0**

4、 **Voltage range voltage setting: the battery symbol grid number represents the voltage range to be set at present, the cumulative kilometer digital blink represents the setting voltage value of the current range, press left to set plus, press right to set minus. (note: the voltage of the latter gear is greater than or equal to the voltage of the former gear).**

5、 **Cumulative mileage display function options: 1: mileage display, 0: mileage do not display, the default value is 1**

6、 **Metric - UK option: 0: metric 1: UK. Default is 0**

7、 **Buzzer mode selection: 0: back up \ left and right turn horn ring 1: back up/left and right turn/double flash ring 2: back up ring 3: left and right turn ring. The default value is 0.**

8、 **Voltage speed measurement mode speed compensation setting: the customer adjusts the speed according to the actual speed, adjust the value, adjust the range of 10-100.**

9、 **Taillight mode selection: 0: deceleration and stop signal**

10、 Setting of reverse signal delay closing time: the setting range of time is 0-30 seconds

11、 Time setting: long press the "headlight" button for 3 seconds to enter the system time setting, press the left button for time plus and the right button for time minus, short press the headlight button for time/minute to set switch, and long press the headlight button to save time and set the mode.

12. Turn on and off the delayed headlight: turn on or off the function by quickly and continuously switching the headlight for 6 times. The default is on

13. Maintenance reminder function: temporarily not enabled.

四、 Operation instructions of multimedia functions: Under 1, the code: electric door lock open long press double flash more than 5 seconds, until the power indicator light flashing, in turn, the long press buttons 1, 2, 3, 4, the corresponding indicator light on until the meter, including 1 button and left turn lights, button 2 and turn right lights, button 3 and headlamps lights (if the headlight open next to the code, light from on to off), the keys 4 lamp with high or low speed corresponding (if to code in high speed mode, light from on to off). Long press double flash again to indicate that the power indicator is no longer flashing to save the Settings.

2. Key description: Press button, mode switch button, press once for MP3 mode (the default mode is U disk when connected, and Bluetooth mode is on by default when there is no U disk), and press once for FM mode. Meanwhile, the display displays the corresponding multimedia playback mode. When multimedia playback is off, press 1 button to enable multimedia playback.
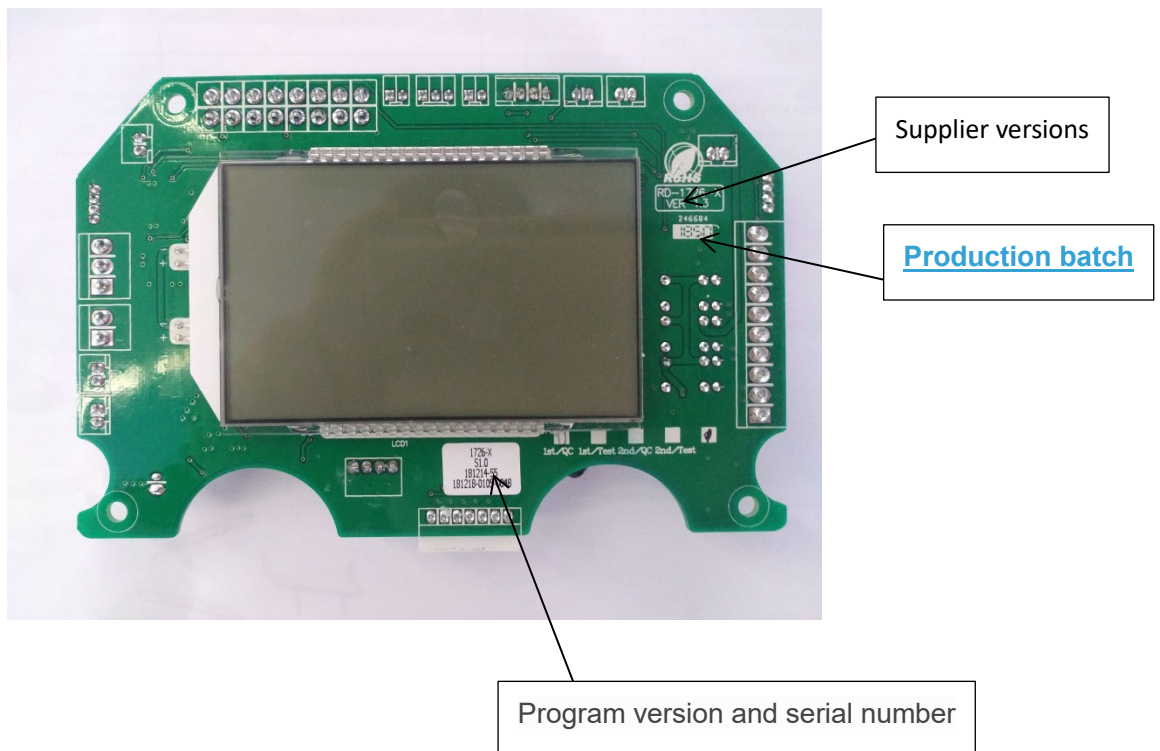
Press button 2, short press button to pause playback, long press button 2 to turn off multimedia playback.

3 button, short press to switch the previous music or previous radio, long press to reduce the volume.

4 button, short press to switch the next music or the next radio station, long press to increase the volume.

3. When using the remote control to control the multimedia function, after receiving the signal from the remote control, the indicator icon of the corresponding mode flashes for 3 times to indicate the working state of the power amplifier box.

五、主板接口及标识定义：

Supplier versions

Production batch

Program version and serial number

Sensor interface

Radio interface

Buzzer output

5K potentiomet

20K potentiomete

main interface

Temperature sensor interface

24V output

X2 Indicator light interface

Cart, light output

Astern signal output

X1 Indicator light interface

Charging signal interface

Electric door lock interface

Voltage rate-measuring interface

H/L speed switching interface

Switch keypad interface