CT-22 Speedometer Button Function

液晶仪表按钮功能说明(CT-22)

—— V1.1(2018.1.27)

1、 clock adjust 时钟时调节

Under the normal display status, long press the button "ADJ" and power on , the figure of "minute" will flash, short press the button "ADJ" , the "minute" will increse "1"; long press the button "ADJ", the "minute" will increase continuously till you loosen it. After "minute" adjusted, short press the button "SET", the "hour" figure will flash; Then short press the button "ADJ", the "hour" figure will add one; long press the button "ADJ", the "hour" will increase continuously till you loosen it. After adjusted "hour" and "minute", save the parameters and exit.

在正常显示状态下，按设置 ADJ ，时间分数字闪烁，秒点常显，此时短按 ADJ 按钮一次加 1，长按 ADJ，分位连续往上加，直到放开 ADJ，调好分位后 ，短按 SET，此时切换到小时位闪，秒点常显，短按 ADJ 加 1，长按 ADJ，小时位 位连续往上加，直到放开 ADJ。小时位设置状态短按 SET，保存并推出时钟 设置， 长按切换到分位闪。

2、   Metric System Switching 公英制切换

Under the normal display status, long press the button "SET" for 10 seconds, the "km/h" will change to "MPH". Then loosen it and long press the button "SET" for 10 seconds, the "MPH" will change to "km/h".

在正常显示状态下，长按设置 SET 按钮 10 秒，公制 kmh 转换为英制 mph，放开再长按设置 SET 按钮 10 秒，英制转换成公制。

3、   Reset the subtotal TRIP 小计 TRIP 清零

Under the normal display status, long press the button "ＡＤＪ" for 3 seconds, the subtotal trip will be reset.

在正常显示状态下，长按 ADJ 按钮 3 秒，可以清零小计。

4、   Reset the total TRIP 总计 TRIP 清零

Hold down "SET" for power on, enter the password interface, the display shown P-0000 lower bit 1Hz flash; under the password interface, short press flash place means add one, number 0-9 for recycle; long press flash place means shift left for one digital; After four numbers adjusted, if type password 8810, the total trip will reset. If type password 6810, then you wil enter the setting interface; If type other numbers, it will jump to password interface, P-0000.

按住 SEL 键上电，进入密码操作界面，液晶显示 P-0000 低位 1Hz 闪烁；

密码操作界面下，短按闪烁位加 1，0-9 反复循环；长按闪烁位左移一位，四位全部设置好后，如符合累计清零界面（8810），直接累计清零，若符合累计设置界面（6810），则进入累计设置界面；若均不符合，则直接跳转回到密码操作界面，显

示 P-0000；

累计清零设置 密码： 定义　　　　　　　　相关说明

8810 显示内容

P-0000	密码操作界面	P-8810 进入累计设置界面
000000	累计自动清零	显示 1 秒后退出，仪表正常运行

5、 The brightness of the background cannot adjusted. 背景灯亮度不能调节

6. Adjust the parameters of speedometer

All the following related to the display interface are speedometer part, does not involve the other segments of the LCD; the following key refers to the SEL key, the host computer is set to use the MPH, which through the text file description is to modify the KPH, If you enter the back and do not modify the speed or mileage 60km / h corresponding frequency, then it will keep the last set value, if you modify the speed or mileage 60km / h any value, it will be switched to the corresponding metric parameters.

1, press and hold the key to power on, enter the password operation interface, LCD display P-0000 low 1Hz flash;

2, Following are the password operation interface, short press flashing plus 1,0-9 repeated cycles; long press the flashing bit then left one. After four all

set, if it's corresponded with the parameter setting password (6610), it will directly enter into the vehicle speed ratio Set the interface. If it accords with Cumulative Clear Interface (8810), it will be cleared directly. If it accords with Cumulative Setting Interface (6810), it will enter Cumulative Setting Interface; if the password of the three are not in agreement, it will jump back to the password operation interface , Display P-0000;

所有下述涉及到的显示操作界面均为液晶累计显示部分，不涉及液晶其他段；下文按键指的是 SEL 键，在上位机设置时使用的是英制，通过文本档说明修改的是公制参数，若进入后门不修改车速或里程 60km/h 对应频率，则保持上一次设置值，若修改车速或里程 60km/h 任意一个值，将都切换成对应公制参数。

1、按住下键上电，进入密码操作界面，液晶显示 P-0000 低位 1Hz 闪烁；

2、密码操作界面下，短按闪烁位加 1，0-9 反复循环；长按闪烁位左移一位，四位全部设置好后，如符合参数设置密码（6610），直接进入车速速比设置界面；如符合累计清零界面（8810），直接累计清零，若符合累计设置界面（6810），则进入累计设置界面；若三者密码均不符合，则直接跳转回到密码操作界面，显示 P-0000；

A、Parameter set 参数设置 password 密码：6610

显示内容 Display content	定义 Define	相关说明 Notes
P-0000	密码操作界面 Password operate surface	**P-6610** 进入参数设置界面 P-6610 Enter the parameters

setting surface

0-0420	**420Hz** 对应车速 **60km/h** **420Hz Corresponding speed 60kmh**	可修改车速 **60km/h** 对应的频率值 **0-9999** **Modifiable speed 60km/h corresponding frequency value 0-9999**
1-0420	**420Hz** 对应里程 **60km/h** **420Hz Corresponding mileage 60kmh**	可修改里程 **60km/h** 对应的频率值 **0-9999** **Modifiable mileage 60km/h corresponding frequency value 0-9999**
2-1320	充电状态 **20%**电量对应电压值 **Charging status 20% battery Corresponding to battery voltage**	**132V** 此处填入 **1320**，扩大十倍 **In 132v set 1320, expand 10 times**
3-1370	充电状态 **40%**电量对应电压值 **Charging status 40% battery Corresponding to battery voltage**	**137V** 此处填入 **1370**，扩大十倍 **In 137v set 1370, expand 10 times**
4-1420	充电状态 **60%**电量对应电压值	**142V** 此处填入 **1420**，扩大十倍 **In 142v set 1420, expand 10**

	Charging status 60% battery　Corresponding to battery voltage	**times**
5-1460	充电状态 **80%**电量对应电压值	**146V** 此处填入 **1460**，扩大十倍
		In 146v set 1460, expand 10
	Charging status 80% battery　Corresponding to battery voltage	**times**
6-1520	充电状态 **100%**电量对应电压值	**152V** 此处填入 **1520**，扩大十倍
		In 152v set 1520, expand 10
	Charging status 100% battery　Corresponding to battery voltage	**times**
7-1320	放电状态 **20%**电量对应电压值	**132V** 此处填入 **1320**，扩大十倍
		In 132v set 1320, expand 10
	Discharging status 20% battery Corresponding to battery voltage	**times**
8-1370	放电状态 **40%**电量对应电压值	**137V** 此处填入 **1370**，扩大十倍
		In 137v set 1370, expand 10
	Discharging status 40% battery	**times**

	Corresponding to battery voltage	
9-1420	放电状态 **60%**电量对应电压值 **Discharging status 60% battery** **Corresponding to battery voltage**	**142V** 此处填入 **1420**，扩大十倍 In 142v set 1420, expand 10 times
A-1460	放电状态 **80%**电量对应电压值 **Discharging status 80% battery** **Corresponding to battery voltage**	**146V** 此处填入 **1460**，扩大十倍 In 146v set 1460, expand 10 times
B-1520	放电状态 **100%**电量对应电压值 **Discharging status 100% battery** **Corresponding to battery voltage**	**152V** 此处填入 **1520**，扩大十倍 In 152v set 1520, expand 10 times
C-0300	电量表满量程阻尼时间，单位：秒 Coulomb-meter full power	**300** 表示 **300** 秒阻尼 300 means 300 sec deboost

	deboost time: seconds/unit	
D-1250	充电状态 **0%**电量对应电压值 Charging status 0% **Corresponding to battery voltage**	**125V** 此处填入 **1250**，扩大十倍 In 125v set 1250, expand 10 times
E-1250	放电状态 **0%**电量对应电压值 Discharging status **Corresponding to battery voltage**	**125V** 此处填入 **1250**，扩大十倍 In 125v set 1250, expand 10 times
F-0001	充电记忆百分比**%** **Charging memory %**	填入 **1** 表示 **1%** 运行中长按 **48s** 可清除 Set 1 means 1%, long press 48s can clear while operating
R0	低电压报警值 Low voltage warning value	预留功能 **CY1874D_MB110D** 无此调节 Reserved function CY18740D_MB110D don't have this modification
J - 0030	电量判断时间 **S** **Battery power judge time**	填入 **30** 表示 **30** 秒；上位机在开路电量表头下，阻尼位置填写。 Set 3o means 30 seconds.

Enter the parameter setting interface, the static display 0-0420, in this state short press it then will jump to the next parameter 1-0420, long press to enter the numerical change, low 1Hz flashing, short flashing plus 1,0-9 cycle; long Press the blinking bit to move to the left, the most significant bit is set to modify, then press "0" to set the state, the static display 0-0420, short press to switch to 1-0420 and so on;

If the voltage change exceeds the value set by the rate of change of power, the pointer will be updated to the new value after the time is greater than the maximum time, otherwise the current position will remain unchanged; if the voltage change is smaller than the value set by the rate of change of power, The pointer is updated directly to the new value.

J-0030 interface and then press the button to exit the entire setting operation; instrument automatically run according to the new parameters.

If only modify the speed ratio, the speed ratio is modified, jump to the 1-0420 interface, the instrument directly power off and then restart, the use of new parameters to run.

进入参数设置界面时，静态显示 0-0420，此状态下短按跳到下一个参数 1-0420，长按则进入数值修改，低位 1Hz 闪烁，短按闪烁位加 1,0-9 循环；长按闪烁位左移一位，最高位设置修改完毕后长按，跳出"0"设置状态，静态显示 0-0420，短按切换到 1-0420 以此类推；

若在电量判断时间内，若电压变化超过电量变化率所设值，则在时间大于最大时间后指针更新到新值，否则保持当前位置不变；若电压变化小于电量变化率所设值，则指针直接更新到新值。

J-0030 界面下再短按则退出整个设置操作；仪表自动按照新参数运行。

若只修改车速速比，则车速速比修改完毕，跳转到 1-0420 界面时，仪表直接断电再重启，则使用新参数运行。

B、累计清零设置 密码：8810

Total reset setting password 8810

显示内容	定义	相关说明
display content	definition	Notes
P-0000	密码操作界面	P-8810 进入累计设置界面
	Password operate surface	P-8810 enters the total setting surface
000000	累计自动清零	显示 1 秒后退出，仪表正常运行
	Total auto reset	Esc after shows 1 seconds, the speedometer run normally

C、累计数值设置 密码：6810

Total reset setting password 6810

显示内容	定义	相关说明
display content	definition	Notes
P-0000	密码操作界面	P-6810 进入累计设置界面
	Password operate surface	P-6810 enters the total setting surface
xxxxxx	累计数设置	自由设置，小计自动清零；

Total value set   Free setting, Auto clear