

OWNER'S MANUAL

Please Read This Manual Before
Installation and Using Amplifier

*GT*trading

AUDIO

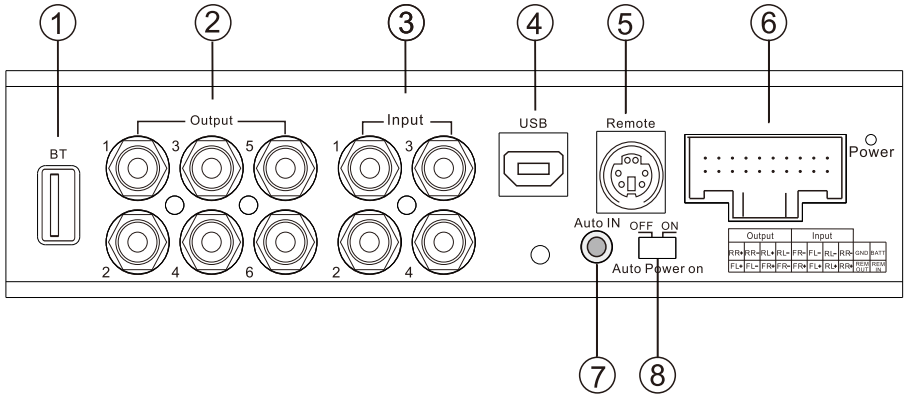
SYSTEM

Italy

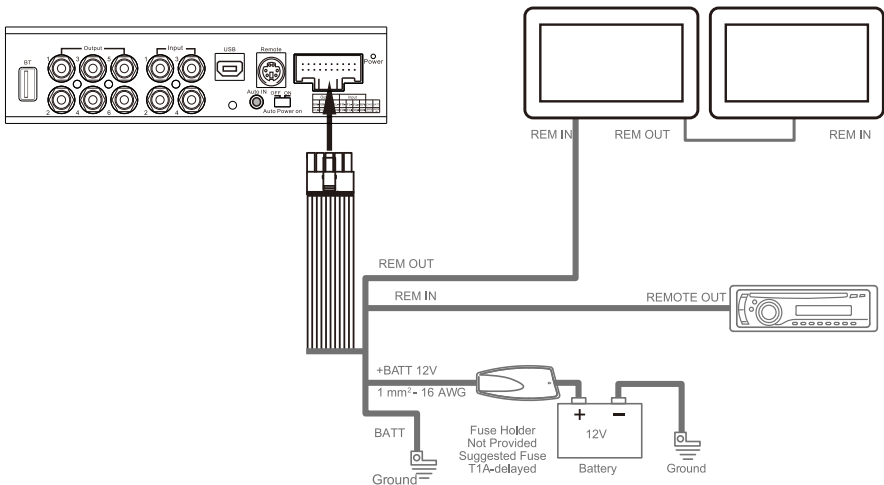
DSPA135

DIGITAL SIGNAL PROCESSING

1.PANEL CONTROLS AND FEATURES



1. BT connector(B5 5.0 HD Bluetooth only)
- 2.Low level output
- 3.Low level input
- 4.USB connector
5. Jack for bass remote
6. High level / output / power supply
7. Auto tuning microphone input(Only applicable to Oaktree company dedicated microphone)
8. Auto turn on/off switch



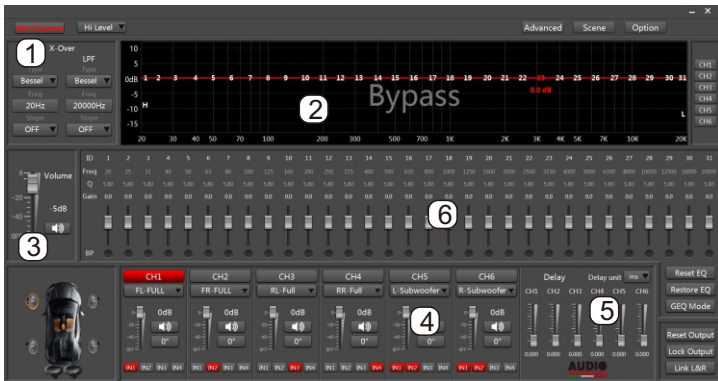
Note: There is no fuse inside the DSP.
It is recommended to use an external fuse.

2.GUI OPERATION INSTRUCTION

1. Double click the DSP icon



2. Welcome the GUI that you have been long-expected! Now you can skillfully debug every tone to enjoy the perfect sound quality..



1. Crossover:HP/LP

4. Volume and channel setting

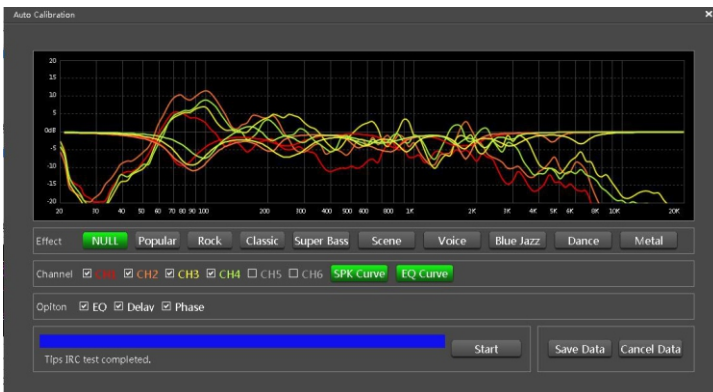
2. The graphic of the crossover and EQ

5. Delay setting

3. Main volume setting

6. EQ adjustment area

3.Auto tuning interface (click Advanced → Auto Tuning)



3. PARAMETERS

POWER SUPPLY

Voltage	11 - 15 VDC
Idling current	0,4 A
Switched off without DRC	2,5 mA
Switched off with DRC	4 mA
Remote IN voltage	7 - 15 VDC (1.3 mA)
Remote OUT voltage	12 VDC (130 mA)

POWER OUTPUT

Effective power	4 X 35W
Peak power	4 X 80W

SIGNAL STAGE

Distortion - THD @ 1kHz, 1V RMS Output	0,005 %
Bandwith @ -3 dB	10 - 22k Hz
Master Input	95 dBA
Channel Separation @ 1 kHz	88 dB
Input Sensitivity (High level)	2 - 15 V RMS
Max Output Level (RMS) @ 0.1% THD	4 V RMS

INPUT STAGE

High Level (Speaker)	FR- FR+ FL- FL+ RL- RL+ RR- RR+
----------------------	---------------------------------

OUTPUT STAGE

Low level	CH1 CH2 CH3 CH4 CH5 CH6
-----------	-------------------------

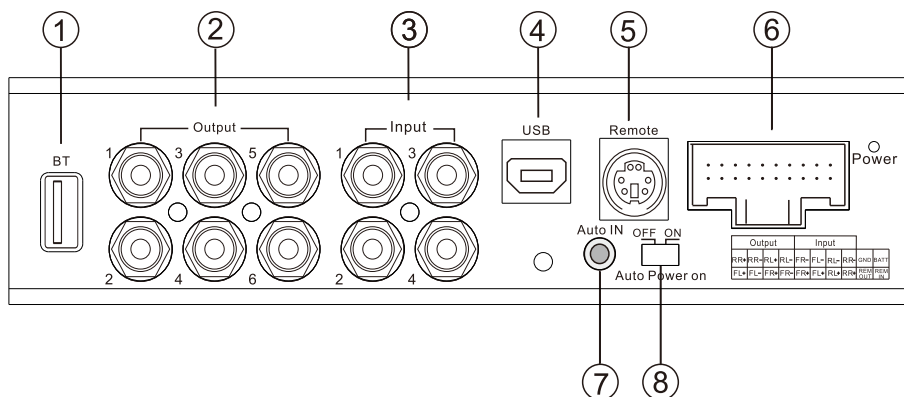
CONNECTION

From / To Personal Computer	1 x USB / B (1.1/2.0) 5M
-----------------------------	--------------------------

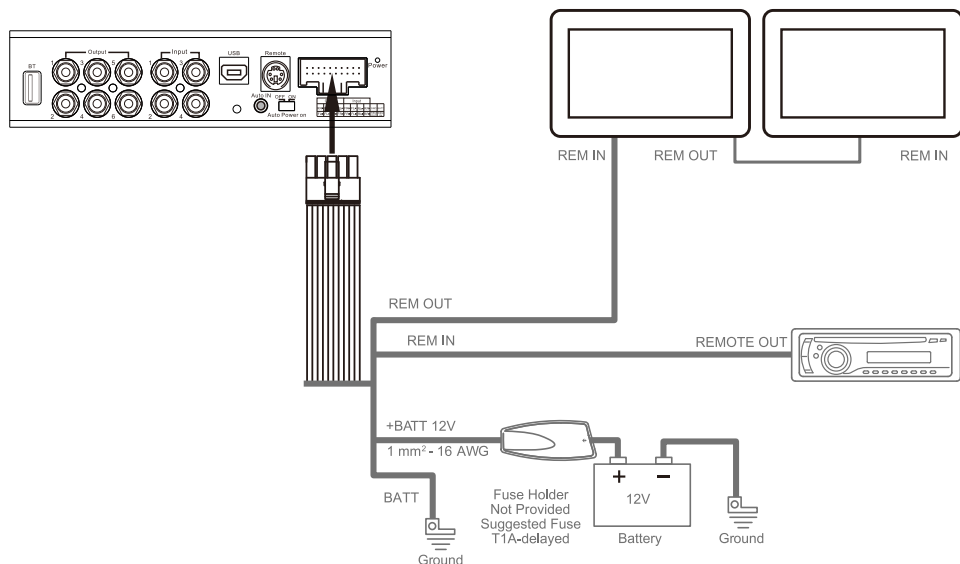
CROSSOVER N.5 (each output channel)

Filter Type	Full / High Pass / Low Pass / Band Pass
Slope Setting	6 / 12 / 18 / 24 / 30 / 36 / 42 / 48 dB
Crossover frequency	68 steps @ 10 - 20k Hz
Phase control independently set to each channel	0° - 180°
Time delay independently set to each channel	0 - 15 MS

1. 面板控件和功能



1. 蓝牙接口(仅适用B5 5.0 HD蓝牙)
2. 低电平输出
3. 低电平输入
4. 数据线接口
5. 线控低音音量控制端口
6. 高电平/输出/电源
7. 自动调音咪输入(仅适用橡树公司专用咪)
8. 自动开关机控制开关



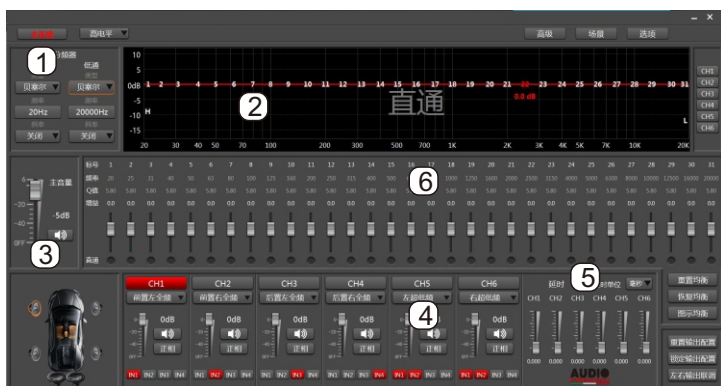
注意：DSP内部无保险，建议采用外置保险装置。

2.GUI操作安装

1.双击DSP图标



2.迎来你期待已久的GUI现在你可以熟练地调试每一个音调细节来享受最完美音质.



1.分频器:高通/低通

4.音量和声道设置

2.分频和EQ图示区

5.延迟时间设置

3.主音量设置

6.EQ调节区

3.自动调音界面（点击高级→智能调音）



3.参数

电源供应

电压	11 - 15 VDC
电流负载	0,4 A
关闭机器(无需线控情况下)	2,5 mA
关闭机器(需线控情况下)	4 mA
线控输入电压	7 - 15 VDC (1,3 mA)
线控输出电压	12 VDC (130 mA)

功率输出

有效功率	4 X 35W
峰值功率	4 X 80W

信号阶段

失真-THD@1kHz, 1V RMS 输出	0,005 %
频宽@-3dB	10 - 22k Hz
主要输入	95 dBA
声道分离@1kHz	88 dB
输入灵敏度(高电平)	2 - 15 V RMS
最大输出电平 (RMS) @0.1%THD	4 V RMS

输入阶段

高电平 (Speaker)	FR- FR+ FL- FL+ RL- RL+ RR- RR+
---------------	---------------------------------

输出阶段

低电平	CH1 CH2 CH3 CH4 CH5 CH6
-----	-------------------------

连接

连接个人电脑	1 x USB / B (1.1/2.0) 5M
--------	--------------------------

转换 (每个声道输出)

滤波器类型	Full / High Pass / Low Pass / Band Pass
倾斜设置	6 / 12 / 18 / 24 / 30 / 36 / 42 / 48 dB
分频率	68 steps @ 10 - 20k Hz
相位控制, 独立设定于每个声道	0° - 180°
时间延迟, 独立设定于每个声道	0 - 15 MS