



YR-12

PROCESADOR 12 SALIDA

OWNER'S MANUAL

Please read carefully before using

INTRODUCTION



Congratulations and thank you for purchasing YR-12 Procesador 12 SALIDA, the logical choice in mobile audio. YR-12 have been designed and engineered with the highest quality components and top of the line workmanship to help you reach the superior sound you are after. To achieve optimal performance of your system, please take a few moments to read over this Owner's manual or visit authorized dealer if needed before starting your installation.

FEATURES

1. Professional dual-core digital signal processor, and High performance dual DSP core architecture.
2. 12 Channels with 31 stage diagram form & Equalizer
3. 8 channels line input / 12 channels line output. It can meet the all-round demand of car audio.
4. Source signal input can be selected separately :High / Low level signal input / AUX / Bluetooth / Optical and Coaxial.
5. Start-up modes selectable:ACC control line start / high level DC start.
6. Support Computer software and APP tuning.
7. Has the ability to synthesize the original car power amplifier frequency signal into full frequency editing and use.

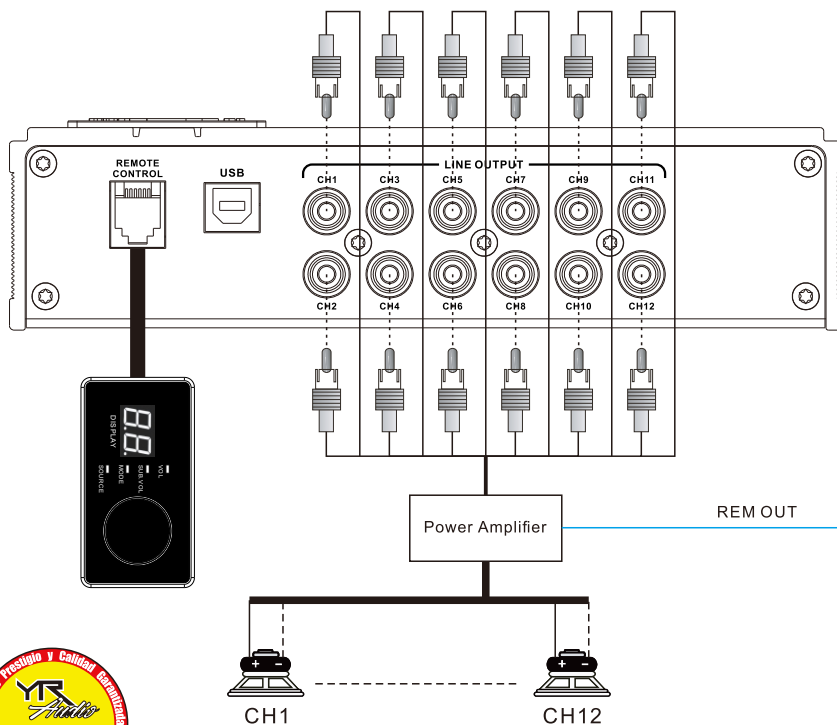
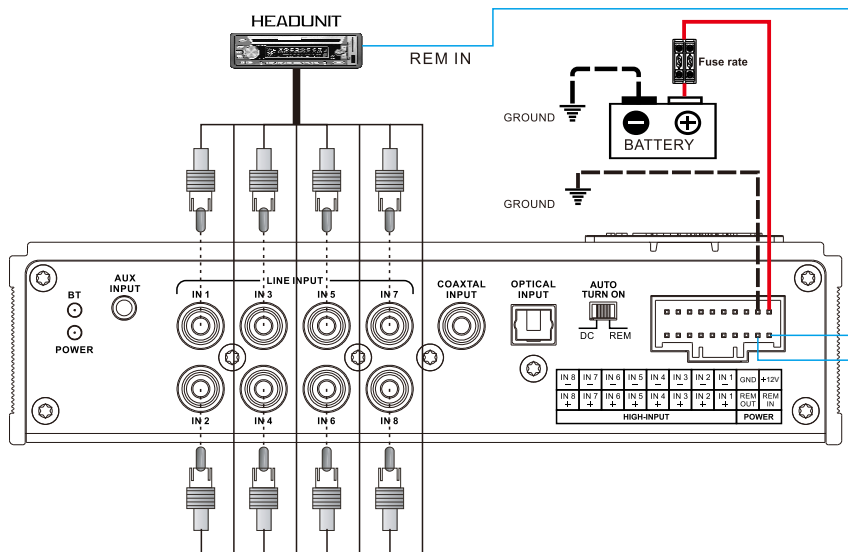
SPECIFICATIONS

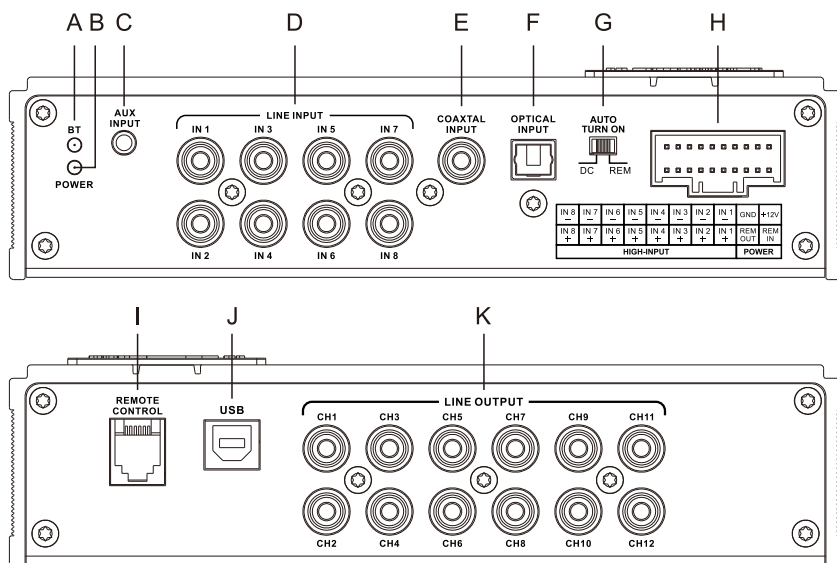
MODEL:	YR-12
Signal to Noise Ratio:	≥90dB
THD:	≤0.05%
Frequency Response:	20Hz-20KHz
Working voltage:	9V-16V
Output Impedance:	470Ω
Signal output voltage:	6Vrms
REM Output:	12V/0.15A
Input Impedance:	High level input:100Ω Low level input:20KΩ
Signal input voltage:	High level input:15Vrms Low level input:3Vrms
Start mode:	high level signal input or ACC control line
Input signal:	8CH high level, 8CH low level, AUX, Bluetooth, Optical fiber and Coaxial
Output signal:	12CH low level output
Output signal gain:	6dB
Output signal equalizer:	31 Stage equalizer 1.Frequency range:20Hz~20KHz,Resolution 0.1dB 2.Q value(slope): 0.4~128 3.Gain:-20dB~ +20dB,Resolution 0.1dB
Output signal frequency divider:	Each output channel is equipped with high and low pass independent filters for active frequency division 1.The professional filter: Butterworth, Linkwitz, Bessel 2.Filter crossover frequency:20Hz~20KHz,Resolution 1Hz. 3.Filter slope setting:6dB/Oct~48dB/Oct
Output phase/Delay:	Each output channel can be adjusted for phase and delay, adjustment range: 1.Phase:In-phase or anti-phase(0°~180°) 2.Delay:0~20ms or 0~692cm or 0~272in
Operation of sound scene:	the machine can save up to 8 preset sound effects

All features are subject to change in the continuing effort to improve the products without notice.



CONNECTION





A. Bluetooth indicator

The indicator light is always on when the mobile phone is connected to Bluetooth.

B. Power indicator

The indicator light is always on when working.

C. 8CH low level signal input

E. Coaxial digital signal input

Supporting sampling rate 44.1KHz/48KHz

F. Optical digital signal input

Supporting sampling rate 44.1KHz/48KHz

G. Start mode selection switch (REM/DC)

Slide to DC, power on with DC signal; slide to REM, ACC power on.

H. Dedicated connector socket

power input/REM input/REM output/8ch high level signal input.

I. Wire control interface

External controller, adjust volume / select 8 custom sound modes saved by user settings / select analog, AUX, Bluetooth, digital and other input signal sources.

J. USB interface

Used to connect the computer to tune.

K. 12CH wires output

Used to connect amplifier or active subwoofer.

REMOTE OPERATION FUNCTIONN



The operation method of wire control function adjustment is mainly to rotate and press the volume knob to complete the adjustment and selection. Each time the power is turned on, the "VOL" indicator light is on by default, which means that the output volume of all channels is adjusted by turning left and right. The display shows the volume level at the same time.

(For example 1: If you need to adjust the volume of the bass, just press the volume knob to switch the function indicator "SUB.VOL" to light up, and then turn the volume knob to adjust the output volume of CH11/CH12.)

(For example 2: If you need to select the AUX source, just press the volume knob to switch the function indicator "SOURCE" to light up, and then turn the volume knob to change the display to display "2", which means it has switched to the AUX input source.)

VOL: Main volume adjustment, adjustment range "0-66"

SUB.VOL: bass volume adjustment, adjustment range "0-66"

MODE: 8 ways of built-in sound effect mode selection. The custom setting is effective after saving, the adjustment range is "1-8"

SOURCE: 4 ways of output sound source options. Adjustment range "1-4":

"1" means main input: high level/low level analog signal

"2" means AUX IN

"3" means Bluetooth input

"4" means fiber/coaxial

Note: The adjustment range is displayed digitally on the display

