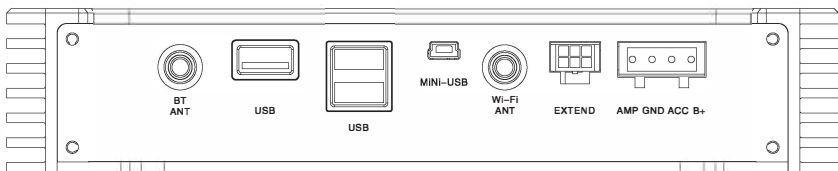


FUNCTIONAL DESCRIPTION

P3 Plus



POWER

AMP

Connect the terminal with suitable cables to control external amplifiers.

GND

Connect the GND terminal with a negative battery cable or a cable connected to the vehicle's chassis.

ACC

Connect a turn - on signal or the turn - on remote signal of your headunit with this terminal. Hereby the device is turned on or off with your headunit.

B+

Connect the B+ terminal with the positive pole of the vehicle's battery.

EXTEND

Connect this terminal with cables for steering wheel control (limited car make/model only).

Wi - Fi ANT

This port is for Wi-Fi antenna.

Mini - USB

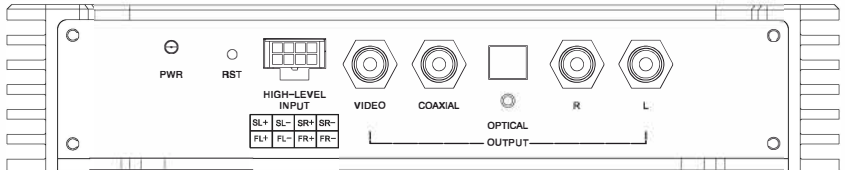
This terminal is for firmware upgrade.

USB

Connect the three USB 2.0 HOST terminals with external USB/portable SSD, or cables for the panel control with display.

BT ANT

This port is for the Bluetooth® antenna.



OPTICAL & COAXIAL OUT

The S/PDIF OUTPUTS give PCM stereo signals up to a sampling rate of 192KHz/24 bit.

VIDEO OUT

The RCA output provides CVBS signals for the headunit, so songs' names and operations can be displayed on the screen of a headunit with the video input.

L / R OUT

The RCA outputs provide other devices with the modified output signals.

SL/SR/FL/FR INPUT

Connect the four high level inputs with suitable loudspeaker cables.

RST

Reset the device by pressing this button with a pen or a needle in case of a malfunction or software crash.

PWR

If the LED lights up in blue, the player is ready for operation.

Technical Specifications

Integrated DSP for P1 DSPA /P2 DSPA Pro /P3 DSPA Plus/P2 DSP Pro	
DSP chip	Analog Devices™ 32 bit, 295 Mhz, 48KHz Sampling Rate 1.2 Billion MAC Operations per Second
Audio Input Features	Equalizer Filter Type : PE/LS/HS/AP 5-Band Parametrical Equalizer : ± 15 dB, 0.1 dB Steps Q : 0.5~15 0.1 Time Alignment Delay : 0~10 ms/0.02 ms Steps
Audio Output Features	Crossover Frequency : 1 Hz step @ 20 Hz-20 KHz Master Gain : 0~60 dB Channel Gain : -20~+5 dB Phase Shift : Positive phase/Inverted phase Input Mixer, Subwoofer Control Equalizer Filter Type : PE/LS/HS/AP 31-Band Parametrical Equalizer : ± 15 dB, 0.1 dB Steps Q : 0.5~15 0.1 Crossover Filter Type and Slope : Bessel / Butterworth @ -6 /-12/-18/-24/-30/-36/-42/-48 dB Linkwitz @ -12/-24/-36/-48 dB Time Alignment Delay : 0~20 ms/0.02 ms Steps Variable Phase Rotation from 0° to 360° (step : 1°)
Frequency Response	20Hz~40KHz
Signal-to-Noise Ratio (A-weighted)	Analog Input: 106 dB Digital Input: 111 dB
THD	Analog Input <0.003% Digital Input <0.003%
Input Sensitivity	Low Level : 3V High Level : 10-16V
Other Features	Error Protection System 8 Presets for Sound Setups

- ※ The information in this manual is subject to be changed without notice.
- ※ Technical changes and errors reserved.
- ※ All trademarks and trade names are the property of their respective owners.