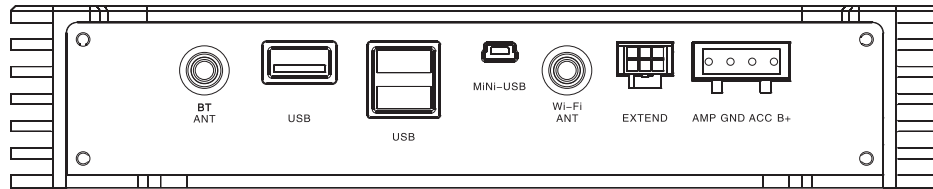


FUNCTIONAL DESCRIPTION

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

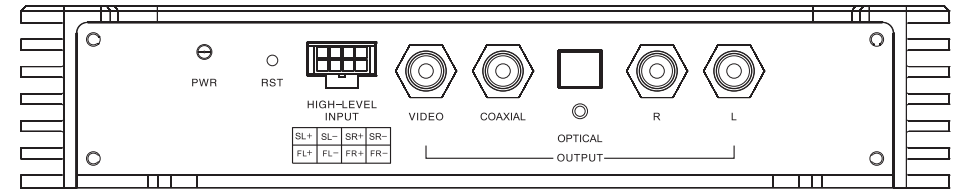
This terminal is for firmware upgrade.

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

| | |
|-----------------------|---|
| DAC | ES 9028 Pro (32bit/768KHz) |
| Op Amp | OPA1612 |
| Ext. Control | GH GHA1000 |
| Gen Processing | 4 x ARM Cortex A7 |
| Ext. Clocking | 3xFemtosecond Clocks |
| Capacitors | High Temperature for High Reliability to 105°C electrolytics and WIMA film Caps |
| Voltage | 11V-16V |
| Turn-On | ACC |
| Inputs | 4xHigh Level Inputs 10Vrms Max. |
| | Input Impedance : 6Ω |
| Outputs | 1xOptical Output 1xCoaxial Output(up to 192KHz/24bit) |
| | 2xRCA Outputs 11.2Vp-p(4Vrms)/47Ω |
| | 1xCVBS video output(NTSC) |
| USB | USB2.0 HOSTx3 Steering wheel controller terminal x 1 |
| WiFi | 802.11b/g/n |
| Music Formats | Hi-res:DFF/DSF/DSD(up to 256) |
| | Uncompressed:WAV/FLAC/APE/AIFF |
| | Compressed:MP3/AAC/OGG/WMA |
| Sampling Rate | PCM:44.1KHz~768KHz/16~32bit |
| | DSD:DSD64/DSD128/DSD256 |
| Bluetooth® Receiver | Bluetooth®5.0, APTX-HD/APTX/AAC/SBC |
| Color | Black |
| Dimensions(L×W×H) | 217mm×170mm×43mm |
| Operating temperature | -20°C~70°C |
| Storage temperature | -30°C~85°C |
| Maximum Humidity | -90%RH |

※ Technical changes and errors reserved.

GOLDHORN

USER'S MANUAL

Car Hi-Fi Digital Player P3 Plus

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