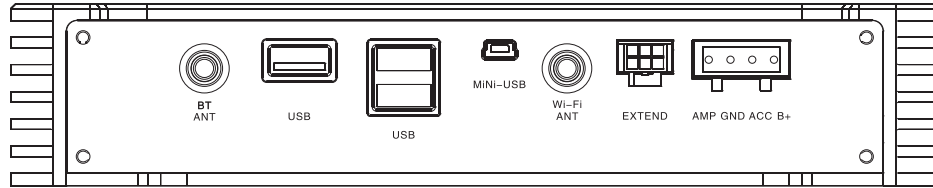


FUNCTIONAL DESCRIPTION

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

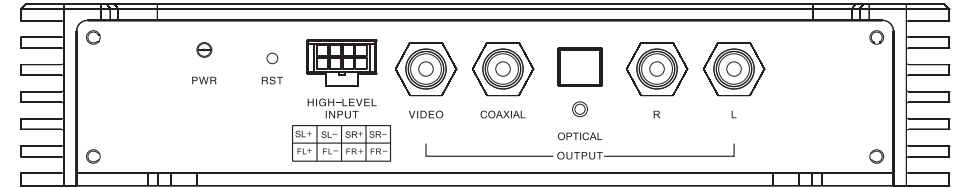
This terminal is for firmware upgrade.

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.

USER'S MANUAL

Car Hi-Fi Digital Player P3 Plus