

Acoustic Instrument Amp

Natural5/6, Natural6 Cherrywood and Personal6

User guide



Safety Informations

Thank you for purchasing this digital appliance. To ensure perfect operation and security, please read the manual carefully and retain it for future reference. This manual can be downloaded from our site.



Precautions



The lightning flash with the arrowhead symbol in an equilateral triangle is intended to alert the user to the presence of non-insulated “dangerous voltage” inside the appliance that may be of sufficient magnitude to constitute a risk of electric shock..



The exclamation mark within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

Important instructions

1. Read these instructions.
2. Retain these instructions.
3. Heed all warnings.
4. Follow all instructions..
5. Do not use this appliance near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings that were installed in accordance with the manufacturer’s instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the plug provided does not fit into your outlet, consult an electrician to ensure replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where it exits from the appliance.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the appliance. If using a cart, be careful when moving the cart/appliance combination to avoid injury from tip-over (Figure 1).
13. Unplug this appliance during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the appliance has been damaged in any way, for example, the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen inside the appliance, the appliance has been exposed to rain or moisture, does not operate normally, or has been dropped.



(Figure 1)

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION: The appliance should not be exposed to drips or splashes of water. Objects filled with liquids, such as vases, should not be placed on the appliance.



This logo indicates that the product can be recycled after it has been used. Please do not dispose of the product with your normal household waste. Return the product to the shop where you purchased it or place it in the designated recycling container.

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1 – Introduction

Thank you for choosing this PRODIPE product.

Safety Precautions

To ensure both your safety and the trouble-free operation of this product, please read the safety precautions carefully. These are located at the back of the box.

Important: to reduce the risks of electric shock, do not remove the panel from the rear of this product. For any maintenance issues, please contact your dealer or a qualified technician.

At high volume, this equipment is liable to produce a level of sound that may cause permanent damage to your hearing.

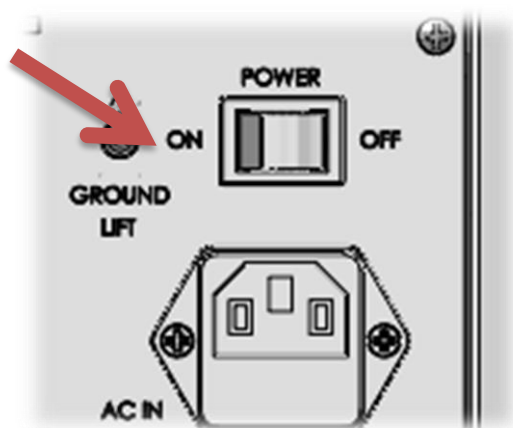
2 – Connections

To ensure that your amp performs as intended, please observe the following procedure:

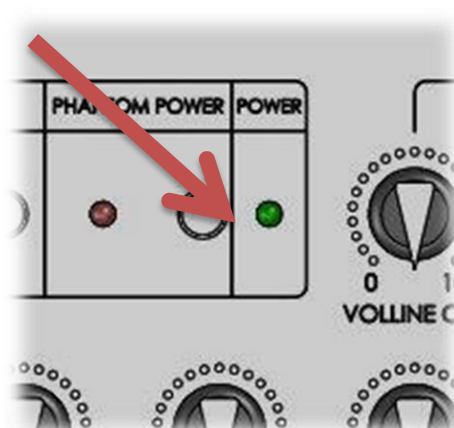
1. Check the audio cords.
2. Lower ALL the levels, including the master controls, on the built-in mixing console.
3. Check the power cord and the mains switch.
4. Power up the Prodipe Natural6 amp by flicking the switch at the rear of the amp to ON (1).
The green POWER LED on the mixing console will light up (2).

Note that: when powering down your equipment, turn off the Prodipe amp first by flicking the switch at the rear of the amp to OFF (1). The POWER LED on the mixing console will go out (2).

(1) Switch ON/OFF (rear)



(2) POWER light (top)



3 - Settings

The built-in mixing console on the Natural5, Natural6 and Personal6 amps offers a whole range of inputs, settings and other options:

DSP Multi-effects Processor (only on Natural6)

- (1) A button to select one of the eight pre-set DSP effects. The relevant effect is indicated by a green LED.
- (2) The REV RET knob in the MASTER control section controls the output level for a DSP effect.

A DSP reverb (only on Natural5)

- (1) A button to select one of the eight pre-set DSP effects. The relevant effect is indicated by a green LED.
- (2) The REV RET knob in the MASTER control section controls the output level for a DSP effect.

Anti-Feedback (only on Natural5/6)

- (3) An ON/OFF button activates/deactivates the anti-feedback effect.
- (4) The ANTIFEEDBACK knob controls the effect (100 to 250Hz).
With this effect you can suppress the feedback created by an electro acoustic guitar when played at high volume near the amp. The attenuation filter offers 12dB sound reduction over an adjustable frequency range of 100 to 250Hz.

Phantom Power (only on Natural5/6)

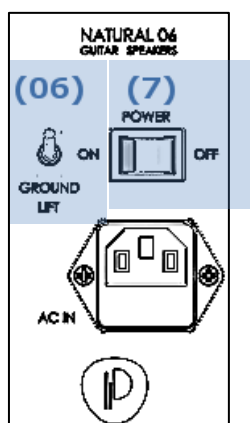
- (5) An ON/OFF button activates/deactivates the PHANTOM POWER (+48V) supply that features balanced XLR inputs for the first two audio inputs.
This power source is essential for most types of condenser mic.

Ground Lift

- (6) By using this switch you can break the connection to the electrical earth.
Eliminates unwanted hum and buzz by preventing current flow between devices.

Main Switch

- (7) Natural6 ON/OFF switch.
As a safety precaution, never use the amp at maximum power when it has just been switched on from 'cold'. Wait for the components to warm up (2 to 10 minutes depending on room temperature).



4 – Audio inputs/outputs

1-Inputs

Natural5, Natural6 and Personal6 amps offer a range of audio inputs to ensure that you can connect the vast majority of your mics, equipment and instruments.

(8) Mic/instrument mono input:

- XLR socket (balanced)
- 6.35mm Jack socket (unbalanced)
- GAIN knob with PEAK saturation warning light
- HIGH, MID and LOW three-band EQ
- Track REVERB output routed to the DSP effects
- VOLUME control routed to the MASTER control

(9) Mic/instrument mono input:

- 6.35mm Jack socket (unbalanced)
- GAIN knob with PEAK saturation warning light
- HIGH, MID and LOW three-band EQ
- Track REVERB output routed to the DSP effects section
- VOLUME control routed to the MASTER control

(10) Stereo input:

- Dual RCA/CINCH socket (unbalanced)
- STEREO IN control routed to the MASTER control
- HIGH and LOW two-band EQ

2-Outputs

Natural5, Natural6 and Personal6 amps offer a range of outputs:

Stereo output

- (11) Dual RCA/CINCH socket (unbalanced)
- (12) STEREO OUT control (functions independently of MASTER volume control)

Stereo output for headphones

- (13) Stereo HP OUT Jack socket
- (14) PHONES control (functions independently of MASTER volume control)

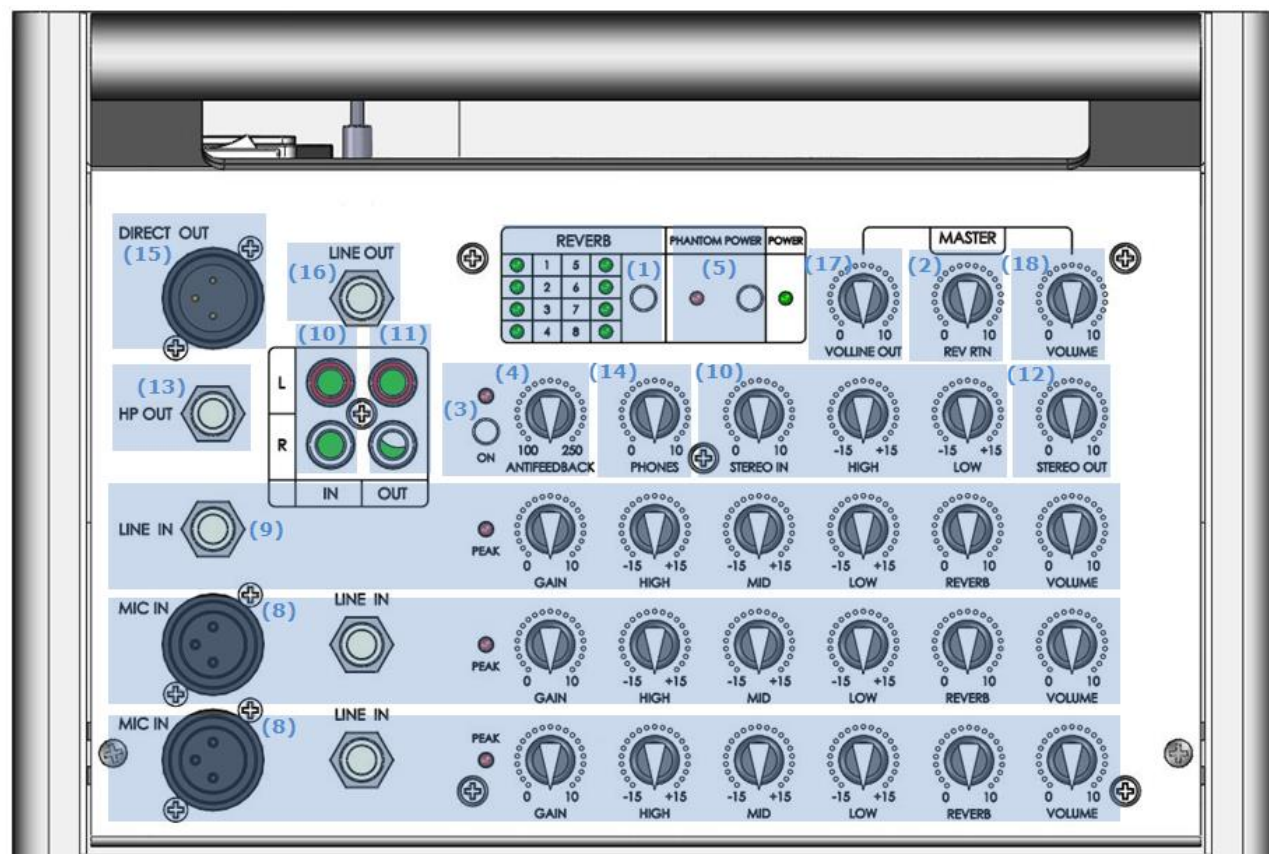
Mono output for an additional audio system

- (15) DIRECT OUT XLR socket (unbalanced) controlled by MASTER control section
- (16) LINE OUT Jack socket (unbalanced)
- (17) VOLUME OUT control (functions independently of MASTER volume control)

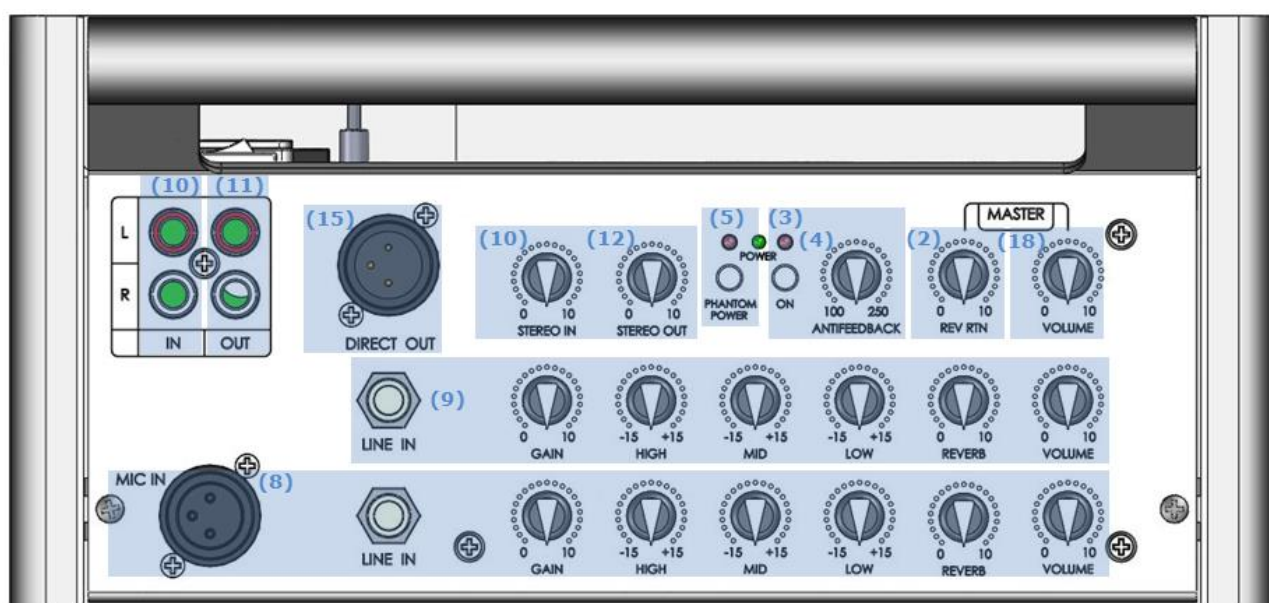
Amplified audio input

- (18) "MASTER" output level

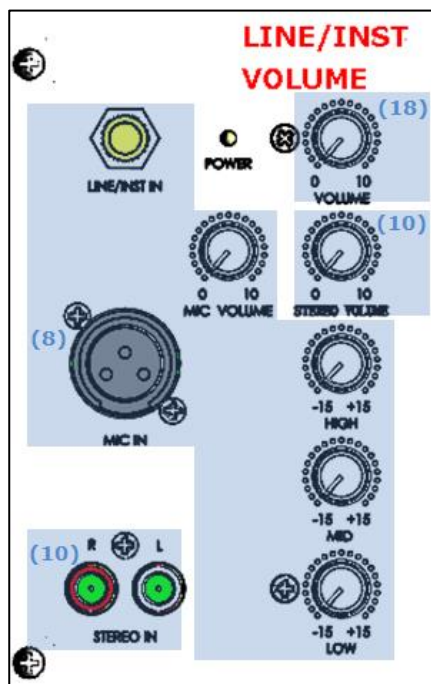
NATURAL6 AMP MIXING TABLE



NATURAL5 AMP MIXING TABLE



PERSONAL6 AMP CONNECTIONS AND CONTROL



5 – Configuring the amp

The Natural6 and the Natural5 amps are active loudspeaker systems. They have been designed for guitarists and musicians from all genres. Natural6/Personal6 offer 140 Watts of RMS power, Natural5 offers 90 Watts of RMS power, and a complete mixing console according to the versions (see preceding chapter).

Its sturdy manufacture, cubelike shape, carry handle and base plate for stand mounting make it an excellent and extremely versatile tool for professionals. Personal6 model can be used a stage monitor.



6 – Technical specifications

NATURAL AND PERSONAL SERIES AMPS TECHNICAL SPECIFICATIONS			
MONITOR	NATURAL ⁵	NATURAL ⁶ and NATURAL ⁶ Cherrywood	PERSONAL ⁶
DIMENSIONS (W x H x D) in mm	320 x 285 x 270	390 x 320 x 285	285 x 367 x 290
WEIGHT PER UNIT	11Kg	13,5Kg 12,2Kg for Cherrywood	14Kg
FUSE RATING	100V / 120V (2A) 220V / 240V : (1A)	100V / 120V (3.15A) 220V / 240V : (1A)	100V / 120V (3.15A) 220V / 240V : (1A)
SHAPE	Rectangular with pole socket for stand mounting	Rectangular with pole socket for stand mounting	Rectangular with cutoff side for wedge use and pole socket for stand mounting
AMPLIFICATION			
WOOFER	5" Fibreglass membrane	6.5" Fibreglass membrane	6.5" Fibreglass membrane
TWEETER	1" (25mm) - Neodymium Dome	1" (25mm) - Neodymium Dome	1" (25mm) - Neodymium Dome
FREQUENCY RANGE	55Hz at 20KHz	50Hz at 20KHz	50Hz at 20KHz
HF POWER RMS (PEAK)	25W (50W)	40W (60W)	40W (60W)
LF POWER RMS (PEAK)	65W (110W)	100W (180W)	100W (180W)
SIGNAL TO NOISE RATIO	90dB	92dB	92dB
SPL LEVEL (MAX)	106dB	110dB	110dB
CUT-OFF FREQUENCY	2.6KHz	2.6KHz	2.6KHz
SUBSONIC FILTER	55Hz	45Hz	45Hz
MIXING TABLE			
INPUTS	1 XLR/Jack 1 Jack 1 RCA Stereo	2 XLR/Jack 1 Jack 1 RCA Stereo	1 XLR 1 Jack 1 RCA Stereo
OUTPUTS	1 XLR 1 RCA Stereo	1 XLR 1 Jack 1 Stereo headphone 1 RCA Stereo	
INPUTS/OUTPUTS IMPEDANCE	1.5 K Ω (XLR balanced) 1M Ω (Jack unbalanced) 22 Ω (RCA)	1.5 K Ω (XLR balanced) 1M Ω (Jack unbalanced) 22 Ω (RCA)	1.5 K Ω (XLR balanced) 1M Ω (Jack unbalanced) 22 Ω (RCA)
EQ BOOST/CUT RANGE (+/- 15dB)	High frequency: 12KHz Mid frequency: 2.5KHz Low frequency: : 80Hz	High frequency: 12KHz Mid frequency: 2.5KHz Low frequency: 80Hz	High frequency: 12KHz Mid frequency: 2.5KHz Low frequency: 80Hz
DSP EFFECT	Reverb	Reverb 8 positions	No
ANTI-FEDDBACK	Yes	Yes	No
GROUND LIFT	Yes	Yes	Yes

A blank sheet of music paper with 20 horizontal staves. Each staff is composed of five lines, and there are 20 such staves arranged vertically across the page.

A blank sheet of music paper with 21 horizontal staves. Each staff is composed of five lines, and there are 21 such staves arranged vertically across the page.



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