

# Manual for Warwick Amplification Gnome Series

## Bass Amplifier Heads

Gnome / Gnome-i / Gnome-i Pro

### Introduction

Thank you for purchasing a Warwick Gnome amplifier - clear, defined bass sound, true power and a built-in USB audio interface on the Gnome-i and Gnome-i Pro models - all packed in a super compact, lightweight design that will easily fit in your pocket! The Gnome amp heads were developed to offer transparent, crisp and noise-free performance combined with an ultra-portable, lightweight design in an affordable and reliable amp for discerning musicians and for the seasoned professionals.

The Warwick Gnome-i and Gnome-i Pro offer an easy-to-use audio interface without any special driver or software requirements. The USB audio interface allows you to connect your Gnome amp to a PC, MAC or compatible mobile device to record your playing or to process your signal using digital audio software plug-ins.

### Precautions / Safety Instructions

#### Power Supply

The Warwick Gnome is powered by an IEC power cable, which provides AC power to the unit. Connect the IEC power cable to provide power. Improper line voltage can cause serious damage to the unit, always check the line voltage marking on the amplifier before you connect the IEC power cable. Unplug the unit when not in use or during electrical storms.

#### Connections

Always turn off power to all other equipment before connecting or disconnecting. This will help to prevent malfunction and damage to any of the devices used.

#### Cleaning

Clean only with a soft, dry cloth.

#### Handling

Do not apply excessive force to the switches or controls. Do not block any ventilation openings. Install in accordance to the instructions. Do not let paper, metal, dirt or other objects come into contact with the device or its connections. Take care not to drop the device and do not subject it to shock or excessive pressure. The unit should be connected to a mains socket outlet with a protective earthing connection. Replace fuse with rated value, never bridge defective fuses. Before changing fuse disconnect power cable from unit! To avoid deformation, discoloration, or other serious damage, do not expose this unit to any of the following conditions:

- Direct sunlight
- Strong magnetic fields
- Excessively dusty or dirty environments
- Strong vibration or shock
- Heat sources
- Extreme temperature
- High humidity or moisture

## Risk of Electric Shock

To reduce the risk of fire or electric shock, do not remove the screws or open the unit. The Warwick Gnome has no user-serviceable parts inside. Only allow qualified service personnel to service. Do not expose the units to rain or moisture.

## FCC Certification

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

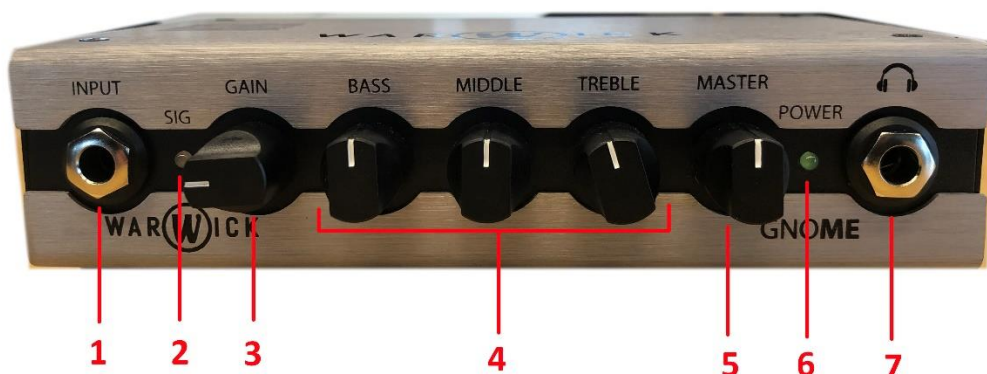
## Volume Warning

This amplifier is capable of producing high sound pressure levels. Continued exposure to these high sound pressure levels can cause permanent and irreversible hearing damage. Ear protection is recommended if the unit is operated at high volume for long period of time. If you experience any hearing loss or ringing in the ears you should consult a doctor.

## Main Features

- Ultra-portable, lightweight bass amplifier head
- Solid-state design, class D amplifier circuitry
- Power: 200 W at 4 ohms / 130 W at 8 ohms (Gnome and Gnome-i)  
280 W at 4 ohms / 180 W at 8 ohms (Gnome-i Pro)
- 3-band EQ with +/- 15 dB cut/boost
- 6.35 mm (1/4") headphone output for silent practice
- Post-EQ balanced XLR DI output with switchable ground lift
- More than 10 Mohms input impedance provide maximum sensitivity for passive pickups
- USB audio interface on the Gnome-i and Gnome-i Pro models:
  - For PC, MAC or compatible mobile devices
  - Direct recording via DAW plug-ins
  - No drivers or special software required
- Dimensions (L x W x H):  
170 x 118 x 45.5 mm / 6 11/16" x 4 41/64" x 1 51/64" (Gnome and Gnome-i)  
200 x 137 x 49 mm / 7 7/8" x 5 25/64" x 1 59/64" (Gnome-i Pro)
- Weight:  
0.96 kg / 2.12 lbs (Gnome)  
0.98 kg / 2.16 lbs (Gnome-i)  
1.35 kg / 2.98 lbs (Gnome-i Pro)

## Front Panel Description



[1] Input Jack – Accepts 6.35 mm (1/4") audio jacks for connecting active or passive basses. If you use effects pedals, connect the output from the last unit in the signal chain here. We recommend using high quality instrument cables for best sonic performance and reliable connection.

[2] Signal LED – The LED will light up green when the instrument signal passes the preamp without any compression. Higher input levels and gain settings will activate the built-in compressor / limiter to prevent clipping in the pre-amp stage. The LED will light up red to indicate active compression. The compressor also tracks changes made to the EQ settings, therefore an increase in an EQ setting might require a decrease in the Gain setting to maintain the same amount of compression.

[3] Gain – Adjusts the input gain of the pre-amp stage. With Gain set at the maximum clockwise setting, a musical distortion circuit is engaged. Adjust the Volume control accordingly when you use the distortion circuit.

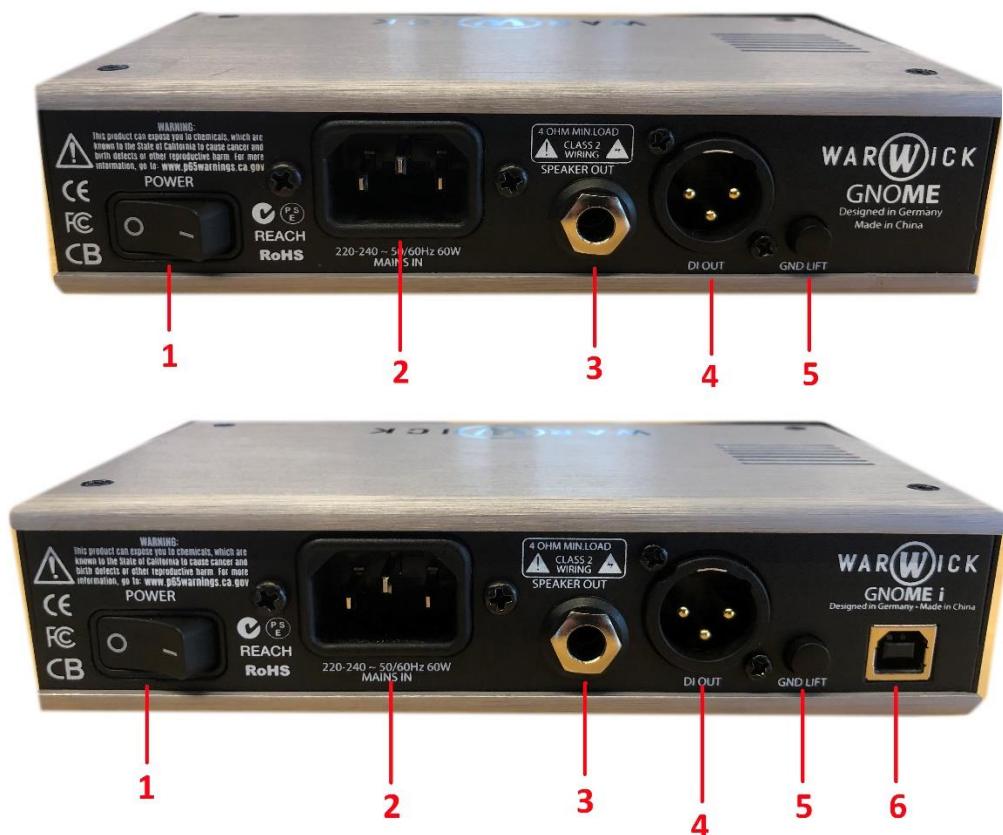
[4] 3-Band EQ – The active tone control EQ section provides +/- 15 dB cut or boost for each band. All controls set to center position (12 o'clock) will provide a flat EQ, turning the knobs clockwise will boost the frequency band, turning the controls counterclockwise will cut the frequency band.

[5] Master – The master volume control sets the signal level for the power output stage and the speaker output on the back of the Gnome amplifier. Set Master completely counterclockwise before you turn on the amplifier and increase the control slowly until you reach the desired volume level. A built-in limiter will prevent power amplifier clipping when maximum power is detected.

[6] Power LED – The LED will light up green when the Gnome is powered and turned on.

[7] Headphone Jack – Accepts headphones with 6.35 mm (1/4") audio jacks. Silent practicing is possible if you disconnect the speaker output and input your headphones. Silent practicing without connected load will not cause any damage to the amplifier.

## Back Panel Description



[1] Power Switch – This switch turns the Gnome amplifier on and off. Connect the power cord from the mains outlet to the amplifier before you turn this switch on. To disconnect the amplifier, turn the switch off first, then disconnect the power cord from the outlet and finally disconnect the power cord from the amp.

[2] AC Mains In – This is the power socket for an IEC line cord, which provides AC power to the unit. Always make sure to check the line voltage marking on the unit before you connect the power cord. Improper line voltage may cause serious damage to the unit.

[3] Speaker Out - Accepts 6.35 mm (1/4") mono jacks to connect an external speaker cabinet. The minimum load for the amplifier is 4 ohms.

[4] XLR DI Out – Low impedance balanced XLR output for connecting the amplifier to a stage box, mixing desk or the PA for live and studio use. The XLR DI out is configured post-EQ with standard wiring (Pin 1: Ground, Pin 2: Signal +, Pin 3: Signal -).

[5] Ground Lift – The switch will disconnect the ground connection from pin 1 on the DI output XLR socket. Use this function only when you face excessive hum, possibly caused by a ground loop. Usually this switch should be left in the out position.

[6] USB Out Port (only on Gnome-i and Gnome-i Pro) – Connect the USB type B port to PC, MAC or compatible mobile devices to use the audio interface.

## Setup & Operation

To use your new Warwick Gnome amplifier, follow the quick start instructions:

1. Unpacking – Unpack the amplifier carefully from the box.
2. Powering up – Ensure the *Power Switch* is in 'off' position, then connect the supplied power cord from the *AC Mains In* of the amplifier to the mains power outlet. Now flip the power switch on the amplifier to the 'on' position.
3. Connecting speaker cabinets – Connect speaker cabinet(s) to the *Speaker Out* using a compatible speaker cable. The recommended minimum load for the amplifier is 4 ohms.
4. Connecting an instrument – Turn the *Gain* and *Master* controls to minimum, then connect your bass to the *Input Jack* on the front panel.
5. Adjust *Gain* for a good input level, set the *EQ* controls as you like, adjust the *Master* volume to a reasonable level.
6. Start playing!

### USB Interface (only Gnome-i and Gnome-i Pro)

The Warwick Gnome-i and Gnome-i Pro amplifiers feature an USB audio interface that can be used as a universal connection device for PC, MAC or compatible mobile devices without any specific drivers or software requirements. The interface uses high quality ADC/DAC converters to convert your audio signal to be processed with the many applications available or for direct recording in your DAW. In addition, the USB audio interface gives you the ability to convert digital audio signals back to analog signals and play them through your amplifier by using the speaker output. Gnome-i and Gnome-i Pro are functioning as external soundcards for your mobile device or PC/Mac, converting your instrument's signal into a digital audio signal. The interface section is compatible with any USB device that can manage digital audio signals, via a standard USB-B to USB-A cable.

#### Setup a Windows 8 / 8.1 / 10 Device

1. Use an USB-B to USB-A cable to connect the amplifier to your computer.
2. Your computer will recognize the interface automatically and set all parameters accordingly. If you have problems with the automatic setup, open the sound settings (right-click on the *Windows Start button* > *Control Panel* > *Sound*).
3. Click the *Playback* tab and select USB AUDIO CODEC as the default device.
4. Click the *Recording* tab and select USB AUDIO CODEC as the default device.
5. Open *Input Properties* > *Additional Properties*

6. In the new window, click the *Advanced* tab and select **2-channel, 16-bit, 44100 Hz (CD Quality)** as the default format.
7. Uncheck both boxes under Exclusive Mode.
8. Click OK to close the Sound control panel.

### Setup a Mac OS X Device

1. Use an USB-B to USB-A cable to connect the amplifier to your computer.
2. Your computer will recognize the interface automatically and set all parameters accordingly. If you have problems with the automatic setup, go to *System Preferences > Sound*.
3. Under the *Output* tab, select USB AUDIO CODEC as your default device.
4. Under the *Input* tab, select USB AUDIO CODEC as your default device.
5. Close the window.

## PROTECTIVE CIRCUITS

Your new Warwick Gnome amplifier comes with multiple protective circuits to prevent malfunctions under unsuitable operating conditions.

### Over-Current / Short-Circuit Protection

The amplifier features an over-current / short-circuit protected output. A current drop occurs when the amplifier exceeds the specified peak current output. This goes along with the drop in the voltage of the amplifier. If the current output of the amplifier exceeds its specified peak current output for a longer period of time e.g. in case of a short circuit of the output, the amplifier will be disabled (muted) for 1000 ms and automatically restart.

### DC Output Protection

A built-in DC protection circuit will attenuate any DC signals on the power amplifier input, produced by a signal containing a DC signal. In case of a permanent DC on the output of the amplifier, the amplifier will latch and power must be removed for the product to restart.

### Excessive Temperature

This circuit protects the power stage from malfunction by switching the device off if the temperature-regulated fan cooling proves to be insufficient and temperature of the unit is too high.

## Specifications

	Gnome	Gnome-i	Gnome-i Pro
Mains Voltage	USA/Canda/Japan: 100-120V AC, 50/60 Hz, T3.15AL/250V Euro/UK/Australia/China/Korea: 220-240V AC, 50/60Hz, T1.6AL/250V	USA/Canda/Japan: 100-120V AC, 50/60 Hz, T3.15AL/250V Euro/UK/Australia/China/Korea: 220-240V AC, 50/60Hz, T1.6AL/250V	USA/Canda/Japan: 100-120V AC, 50/60 Hz, T3.15AL/250V Euro/UK/Australia/China/Korea: 220-240V AC, 50/60Hz, T1.6AL/250V
Power Consumption	Typical: 30 W, Maximum: 240 W	Typical: 30 W, Maximum: 240 W	Typical: 30 W, Maximum: 400 W
SMPS	Thermal protection, over-current protection	Thermal protection, over-current protection	Thermal protection, over-current protection
Power Amp Protection	Clip limiting, thermal protection, over-current / short-circuit protection, DC output protection	Clip limiting, thermal protection, over-current / short-circuit protection, DC output protection	Clip limiting, thermal protection, over-current / short-circuit protection, DC output protection
Min. Load	4 ohms	4 ohms	4 ohms
Power Output (1% THD)	200 W at 4 ohms / 130 W at 8 ohms	200 W at 4 ohms / 130 W at 8 ohms	280 W at 4 ohms / 180 W at 8 ohms
Noise	-75 dBu	-75 dBu	-75 dBu
EQ	Bass: +/- 15 dB at 80 Hz, shelving Middle: +/- 15 dB at 400 Hz Treble: +/- 15 dB at 4.2 kHz, shelving	Bass: +/- 15 dB at 80 Hz, shelving Middle: +/- 15 dB at 400 Hz Treble: +/- 15 dB at 4.2 kHz, shelving	Bass: +/- 15 dB at 80 Hz, shelving Middle: +/- 15 dB at 400 Hz Treble: +/- 15 dB at 4.2 kHz, shelving
Input Impedance	> 10 Mohms	> 10 Mohms	> 10 Mohms

XLR DI Out	Pin 1: Ground, Pin 2: Signal +, Pin 3: Signal - 1 kohms output impedance Noise floor: -104.3 dBu Noise floor w/sig (nom.): -88 dBu	Pin 1: Ground, Pin 2: Signal +, Pin 3: Signal - 1 kohms output impedance Noise floor: -104.3 dBu Noise floor w/sig (nom.): -88 dBu	Pin 1: Ground, Pin 2: Signal +, Pin 3: Signal - 1 kohms output impedance Noise floor: -104.3 dBu Noise floor w/sig (nom.): -88 dBu
Bit Rate	-	16 bit	16 bit
Sampling Rate	-	44.1 kHz / 48 kHz	44.1 kHz / 48 kHz
A/D converter dynamic range	-	88.5 dB	88.5 dB
D/A converter dynamic range	-	92 dB	92 dB
A/D SNR	-	90 dB	90 dB
D/A SNR	-	93 dB	93 dB
Silent SNR	-	98 dB	98 dB
USB Version	-	USB 2.0	USB 2.0
Dimensions (L x W x H)	170 x 118 x 45.5 mm 6 11/16" x 4 41/64" x 1 51/64"	170 x 118 x 45.5 mm 6 11/16" x 4 41/64" x 1 51/64"	200 x 137 x 49 mm 7 7/8" x 5 25/64" x 1 59/64"
Weight	0.96 kg / 2.12 lbs	0.98 kg / 2.16 lbs	1.35 kg / 2.98 lbs

Note: The manufacturer reserves the right to change these specifications without notice.