

Connecting Huei to your preamplifier or amplifier

Moving Magnet gain ranges:		
Colour Output	V Gain dB - RCA Output	V Gain dB - XLR Output
	Max Gain 42 dB	48 dB
	37 dB	43 dB
	32 dB	38 dB
	30 dB	36 dB
	25 dB	31 dB
	23 dB	29 dB
	22 dB	28 dB
	21 dB	27 dB

Removing rumble noise

Huei features a Rauch Slope rumble filter that removes mechanical noise from the turntable. It cancels out the opposing noise from each channel whilst keeping the original music signal intact. To engage the filter, press 'RUMBLE' until the sphere shows white. If no colour is displayed, the rumble filter is 'off'.



OFF

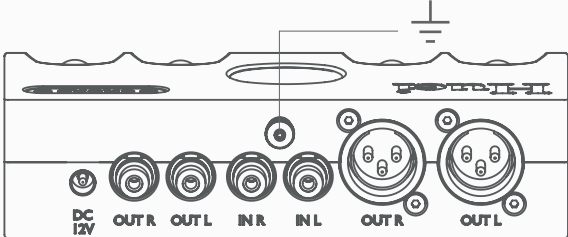


ON

Eliminating ground/earth hum

Turntables can experience unwanted hum or buzzing related to grounding issues from the cartridge. Huei allows you to ground your turntable using a convenient grounding post, situated above the 'IN R' and 'IN L' RCA posts. You should always use the post to ground your device and eliminate noise.

To ground your cartridge, unscrew the locking earth-pin (we recommend three turns) and locate the earthing wire from your turntable. Place the spade tip in between the metal washers and hex bolt, before screwing back the locking earth-pin thumb-tight. While a spade tip is recommended, if you have bare wire, you can wrap this around the post and then secure the locking earth-pin. Please also read Grounding plate (3.0)



Important information

Only connect Huei to a device capable of attenuating its output, such as a preamplifier or integrated amplifier. Do not connect Huei directly to a power amplifier. Incorrect settings could cause irreparable damage to your equipment and hearing.

If you need support, in the first instance, please contact your supplying retailer who will be best placed to assist you. If you need additional help beyond that of your retailer, please visit our support page: chordelectronics.co.uk/get-support

Placement

Always ensure Huei is used in a well-ventilated setting, away from direct sunlight and heat sources, and has sufficient space around the unit.

Chord Electronics' Qutest Stand System (available separately) has been designed to perfectly house Huei. Otherwise, care should be taken not to stack other units on Huei.

Care instructions



Only use a dry cloth to gently clean Huei.



Never drop or expose Huei to mechanical shock.



Never directly spray liquids, including cleaners, onto Huei.



No user-serviceable parts contained. Do not disassemble Huei.



Do not allow Huei to come into contact with liquid.



Never poke objects into the exposed connectors.



Only operate within the specified temperatures

Specifications

Input impedance MM	47,000 Ω
Input impedance MC	100 Ω - 3700 Ω (12-step)
Input noise	1.1n V/Hz
Max output voltage	20 V RMS
Equalisation response	RIAA curve
Equalisation accuracy	$\pm$ 0.1 dB
Frequency response	RIAA curve 12 Hz to 25 kHz
Dimensions	41 mm (H) x 160 mm (W) x 72 mm (D)
Weight	657 g



The Pumphouse, Farleigh Lane, East Farleigh,
Maidstone, ME16 9NB United Kingdom

MADE IN THE UNITED KINGDOM



Chord Electronics Ltd.

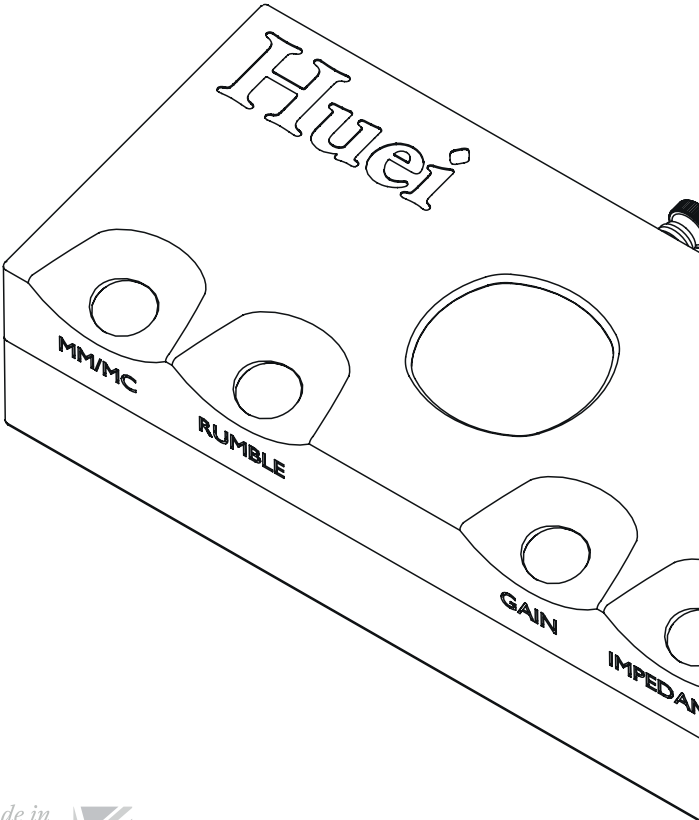
chordelectronics.co.uk

Huei
Manual

V.2.0



Chord Electronics Ltd.



General operation and important information

1.0

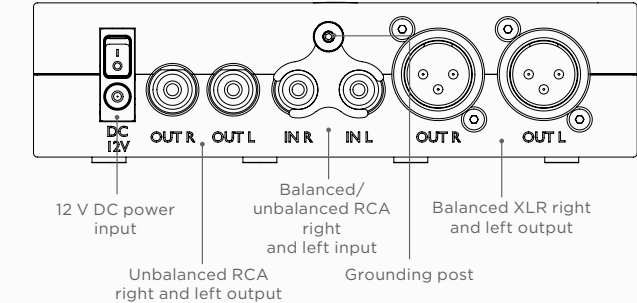
Introduction

Welcome to Huei, a high-performance Moving Magnet and Moving Coil phono stage proudly developed and manufactured by Chord Electronics in Kent, England. Please take a few moments to familiarise yourself with its operation.

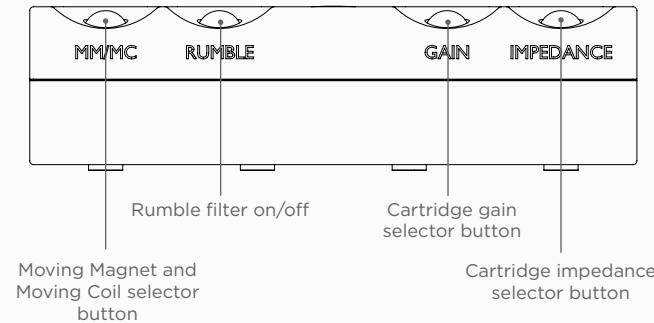
Connections and controls

2.0

Rear



Front

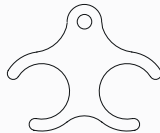


Operation

3.0

Grounding plate

The gold-plated grounding plate, pictured, is preinstalled for your convenience. It is required for headshells/tonearms that do not provide a ground for both RCA connectors. It is safe to leave this in place for normal use, however if you are using Huei with a turntable with balanced connections then please remove the plate.

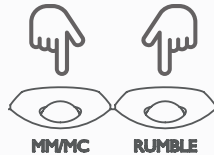


Power connection

Huei is supplied with a 12 V, 2A external power supply (which is the only supply that should be used). A convenient power switch above the 12 V DC input, can be used to switch Huei 'on' and 'off'. We recommend that this is performed with partnering preamps or amplifiers turned 'off'.

Setting LED brightness

It's possible to adjust the brightness of the control spheres between two modes: 'high' and 'low'. To cycle between the modes, simply press both the 'MM/MC' and the 'RUMBLE' buttons simultaneously.



Connecting turntables to Huei

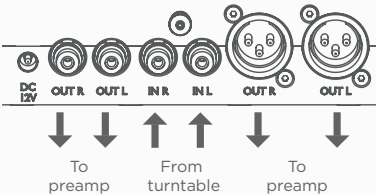
Huei has one stereo pair of RCAs for connection to turntables. These inputs are labelled as 'IN R' (right channel) and 'IN L' (left channel) and are colour-coded to facilitate connections to turntables.



Connecting turntables to amplifiers

Huei has two outputs: RCA and XLR. We recommended using one output at a time. As the circuitry within Huei is fully balanced, XLR may be preferable.

To connect Huei to the amplifier/preamp, ensure that all devices are turned 'off' before securely attaching interconnects to Huei and the partnering amplifier, paying attention to the L (left) and R (right) channel markers.



Once Huei is connected, do not switch your preamp/amplifier 'on' until the volume is at its lowest setting. Next, turn Huei 'on' and select the appropriate settings for your cartridge as explained below. With the settings correct, select the lowest gain setting on Huei (white), before turning connected equipment 'on'.

Next, select the appropriate input on your preamplifier, begin playing the source and gradually increase the gain/volume to a comfortable level.

Please note that if Huei is switched 'off', it will remember previously selected settings. You should only need to complete the set-up of your cartridge during the initial installation (unless you change cartridge).



Selecting MM or MC playback

When setting up Huei for playback, it is most important to correctly identify and select the type of cartridge you'll be using from the cartridge manufacturer's specifications. Both Moving Magnet (MM) and Moving Coil (MC) have unique specifications and subsequently, different custom settings are available within Huei's menu.

To select between Moving Magnet (MM) and Moving Coil (MC), press and hold the 'MM/MC' button until the corresponding colour is selected for your input.



MOVING MAGNET (MM)



MOVING COIL (MC)

Selecting the impedance setting for your cartridge

It is only possible to select impedance with a Moving Coil cartridge in MC mode (Moving Magnets always require a set 47 k Ω impedance). Therefore, when in Moving Magnet mode, the 'IMPEDANCE' button will not illuminate.

With a Moving Coil cartridge in MC mode, select the correct impedance from information within the manufacturer's specifications. If you cannot identify the impedance information from your cartridge user manual or relevant website, please consult your supplying dealer or the manufacturer directly.

Once the impedance of the cartridge is known, use the graphical guide below to find a suitable match and select the corresponding colour by pressing the 'IMPEDANCE' button repeatedly. The impedance will increase sequentially to Min + 2.2 μ F before moving back down the range again.



3700 Ω



3700 Ω + 2.2 μ F



1000 Ω



1000 Ω + 2.2 μ F



470 Ω



470 Ω + 2.2 μ F



320 Ω



320 Ω + 2.2 μ F



150 Ω



150 Ω + 2.2 μ F



100 Ω



100 Ω + 2.2 μ F

Please note that the impedance of the cartridge may not fit exactly within the ranges specified; select the range that best matches. Selecting an impedance with a 2.2 μ F load when using a Moving Coil (MC) cartridge dampens the ringing of lower impedance cartridges, reducing distortion.

NOTE: IMPEDANCE CANNOT BE CHANGED WHEN IN MOVING MAGNET MODE. PRESS AND HOLD THE MM/MC BUTTON TO ACTIVATE MOVING COIL MODE. WARNING! PLEASE MUTE OR LOWER THE VOLUME OF YOUR PREAMPLIFIER BEFORE CHANGING IMPEDANCE.

Connecting Huei to your preamplifier or amplifier

Huei features variable gain to attenuate the volume for high-output cartridges. Use the chart below to adjust the gain to a suitable level for your preamp or amplifier. Do not adjust the gain while a signal is going through the device. If you are unsure of which setting is appropriate, consult your dealer. Please note that the light range will repeat after it has fully cycled.

Moving Coil gain ranges:

Colour Output	V Gain dB - RCA Output	V Gain dB - XLR Output
	Max Gain 70 dB	76 dB
	64 dB	70 dB
	60 dB	66 dB
	58 dB	64 dB
	52 dB	58 dB
	51 dB	57 dB
	50 dB	56 dB
	49 dB	55 dB