

08 Connecting Huei to your preamplifier or amplifier

Huei features variable gain to attenuate the volume for high-output cartridges and records. 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 with your dealer. Please note that the light range will repeat after it has fully cycled.

Moving Coil gain ranges:

Colour	V Gain dB - RCA Output	V Gain dB - XLR Output
Off	Max Gain 62dB	68dB
Red	61dB	67dB
Blue	60dB	66dB
Pink	58dB	64dB
Green	52dB	58dB
Yellow	51dB	57dB
Cyan	50dB	56dB
White	49dB	55dB

Moving Magnet gain ranges:

Colour	V Gain dB - RCA Output	V Gain dB - XLR Output
Off	Max Gain 42dB	48dB
Red	37dB	43dB
Blue	32dB	38dB
Pink	30dB	36dB
Green	25dB	31dB
Yellow	23dB	29dB
Cyan	22dB	28dB
White	21dB	27dB

09 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'.

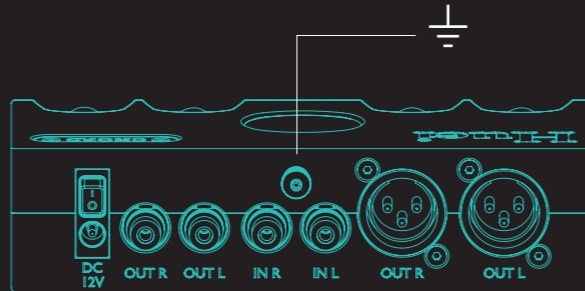
OFF

ON

10 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.



11 Care instructions



WARRANTY REGISTRATION: To activate the three-year parts and labour warranty, register Huei online at: chordelectronics.co.uk/register-product

3 THREE YEAR WARRANTY



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. Doing so will void your warranty. Please contact your original dealer in the event of a fault



Do not allow Huei to come into contact with liquid



Never poke objects into the exposed connectors

5°C 41°F 40°C 104°F

Only operate within the specified temperatures

12 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 in doubt, contact your supplying dealer.

If you require help or advice, we recommend contacting your supplying dealer, who will have the best understanding of your system and will be able to offer bespoke advice. If you require further assistance, please visit the support page of the Chord Electronics website: chordelectronics.co.uk/get-support

PLACEMENT



Keep Huei away from carpet and soft surfaces



Always keep away from sources of heat and direct sunlight



Always allow the unit to be well ventilated



Keep away from liquids and damp areas. Immediately unplug if contact occurs



WARNING: THERE ARE NO USER-SERVICEABLE PARTS INSIDE HUEI. DO NOT DISASSEMBLE. DOING SO WILL VOID YOUR WARRANTY, COULD DAMAGE YOUR UNIT AND COULD RESULT IN ELECTROCUTION.

13 Specifications

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



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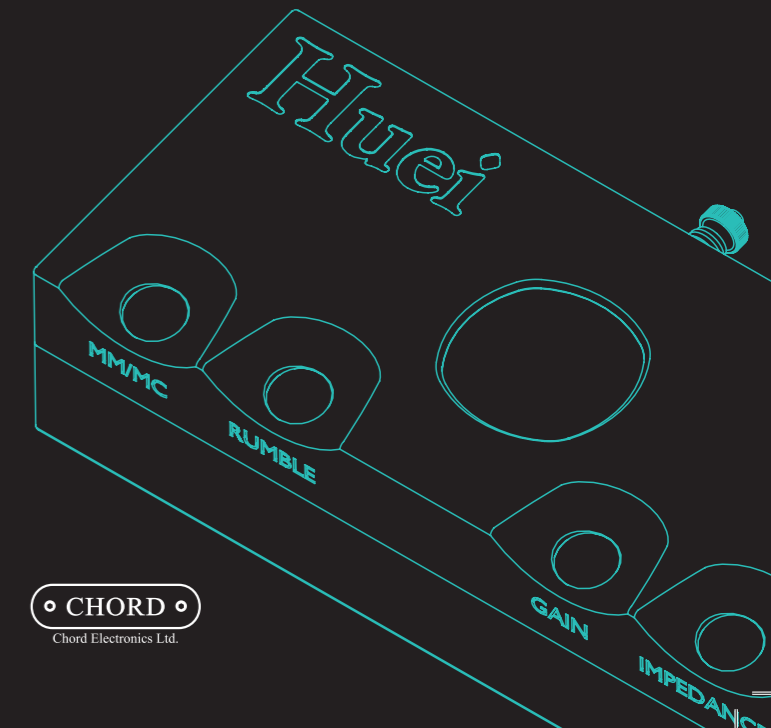
CHORD

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Huei

Phono stage



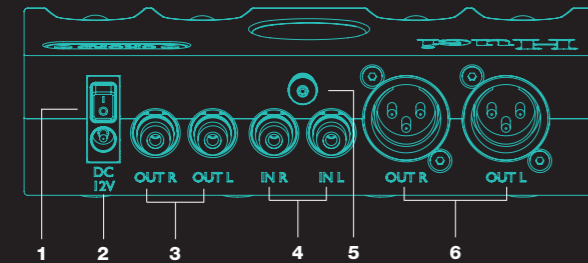
CHORD

Chord Electronics Ltd.

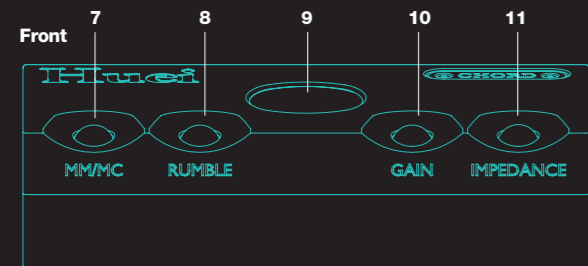
01 Getting to know Huei

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

Rear



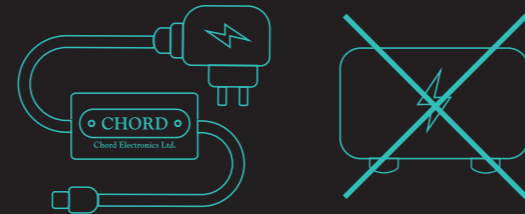
- | | |
|---|--------------------------------------|
| 1 | On/off rocker switch |
| 2 | 12V DC power input |
| 3 | Unbalanced RCA right and left output |
| 4 | Unbalanced RCA right and left input |
| 5 | Grounding post |
| 6 | Balanced XLR right and left output |



- | | |
|----|---|
| 7 | Moving Magnet and Moving Coil selector button |
| 8 | Rumble filter on/off |
| 9 | Feature viewing glass |
| 10 | Cartridge gain selector button |
| 11 | Cartridge impedance selector button |

02 Power connection

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



WARNING: ONLY OPERATE HUEI WITH THE SUPPLIED POWER SUPPLY. USING A THIRD-PARTY DEVICE WILL INVALIDATE YOUR WARRANTY.

03 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.



04 Connecting turntables to Huei

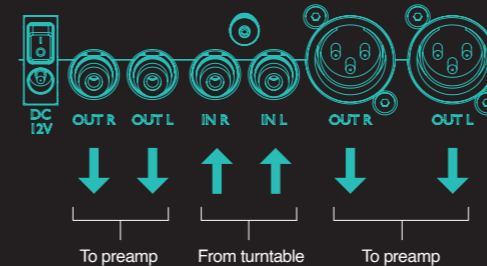
Huei has one stereo pair of RCAs for connection to turntables. These inputs are labelled as 'IN R' (right channel) and 'IN L' (left channel) and are colour-coded to facilitate connections to turntables.



05 Connecting Huei to amplifiers

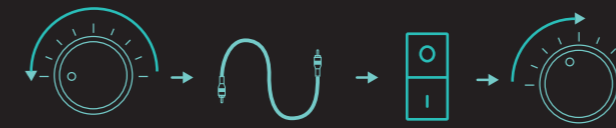
Huei has two outputs: RCA and XLR. We recommended using one output at a time. As the circuitry within Huei is fully balanced, XLR may be preferable.

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).



06 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.



07 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 47kΩ 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 + 2.2uF before moving back down the range again.

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 2.2uF load when using a Moving Coil (MC) cartridge dampens the ringing of lower-impedance cartridges, reducing distortion. Consult your cartridge manufacturer's information or a hi-fi dealer for more information.



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.