

The AUDIX Novacore NCHH is a meticulously engineered, professional-grade UHF digital handheld transmitter. It is purpose-built to achieve seamless compatibility and deliver optimal, uncompromised performance when used in conjunction with an AUDIX Novacore wireless receiver system. The NCHH stands out as a premier choice for a diverse and demanding range of applications, including live performances, professional business presentations, and critical broadcast environments where audio clarity and dependability are paramount.

The transmitter utilizes advanced digital transmission technology to resist interference and maintain signal integrity. Its digital architecture ensures a pristine audio path, delivering clear, natural sound reproduction with a wide dynamic range. This performance is free from analog artifacts and compression artifacts associated with traditional analog companding. The handheld form factor incorporates an ergonomic design for comfort during extended use. It also includes an interchangeable capsule feature, allowing users to select the microphone element (e.g., dynamic or condenser, different polar patterns) best suited for their vocal characteristics or application requirements. Furthermore, the NCHH is equipped with robust features such as an easy-to-read LCD display for critical information like battery status, group and channel settings, and output power level. Advanced settings include adjustable gain control to precisely match various sound sources. The NCHH also features a durable chassis designed to withstand the rigors of professional touring, and daily use. This commitment to both acoustic performance and physical durability solidifies the AUDIX Novacore NCHH's position as a reliable workhorse in the professional audio landscape.



APPLICATIONS

- Professional Live Sound
- Theater
- Corporate Events
- Houses of Worship
- Education
- Government/Secure Comms
- Sports/Fitness
- Broadcast Media (ENG/EPF)
- Film/Video Production
- Multi-Room Installations

SUPPLIED ACCESSORIES



MCW
Mic Clip.



NCCC
20" charging cable; USB-A to USB-C.

OPTIONAL ACCESSORIES



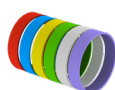
NCEC
Extended Cardioid
Wireless Capsule



NCTH
Tight Hyper-cardioid
Wireless Capsule



WS357
Foam Windscreen.



NCCB
Silicone Identifier Color
Bands (6 pc)

FEATURES

- Adjustable input gain/sensitivity, a low-cut filter, and an audio limiter provide precise matching of the input level to the presenter's or performer's vocal dynamics, guaranteeing an optimal signal-to-noise ratio regardless of the microphone capsule used.
- Low/high configurable transmission power levels to conserve battery life in close-range applications or to support reliable coverage over longer distances in larger venues.
- Flexible multi-mode mute functions, including:
 - Auto Mute, which automatically silences the audio when the microphone is held horizontally;
 - Mute Bypass, which prevents the user from activating the mute function; and
 - Standard Mute, which allows live muting using the dedicated mute button.
- Intuitive display for real-time status updates of battery life, group/channel, and RF signal strength, with additional real-time parameters accessible through the MODE menu. Intuitive menu navigation controls, including transmitter lock, are securely located beneath the removable battery cover.
- Standard "S" thread capsule integration for use with AUDIX Novacore microphone capsules (or others).
- 9+ hours of operation with standard 1.5V alkaline batteries or NCLB rechargeable lithium-ion batteries. (Recharge lithium-ion batteries via the included USB-C cable or optional NCC charging stations.)
- AES-256 Encryption (defeatable) for secure communication.
- Durable metal/ABS construction.

SPECIFICATIONS

ARCHITECT & ENGINEERING SPECS

Model	NCHH
Description	UHF Digital Handheld Transmitter
RF Frequency Range	UHF 494-542 MHz (country dependent)
RF Bandwidth	48 MHz
Display	LCD: Displays GRP-CH, battery status, RF signal strength, and settings menu.
Control Interface	Sync sensor, settings buttons, lock switch, mute button
Encryption	AES 256-bit
Compatible Microphone Capsules	AUDIX NCEC, NCTH, Other S-thread.
Audio Control	Variable gain: 0 dB, +3 dB, or +6 dB; low cut; limiter
Mic Input	Configuration: unbalanced Maximum Input Level: 1760 mVrms (@ 1% THD)
RF Output	Power: 1 mW / 10 mW switchable Antenna type: Integrated single band helical Occupied Bandwidth: < 200 kHz Modulation Type: AUDIX Proprietary Digital
Power Requirements	(1) NCLB Li-ion battery (1500mAh) or (2) AA alkaline
Battery Charging	Audix NCC1 or NCC2 charging station, or USB-C
Weight	Approx. 0.36 kg / .8 lbs (w/ AUDIX NC capsule, no battery)
Dimensions	278 x 50 mm (L x D) (w/ AUDIX NC capsule)
Materials / Finish	Aluminum / Black Finish

The digital wireless handheld transmitter shall be engineered for use within the AUDIX Novacore Digital Wireless System. Audio transmission shall be capable of operation with AES-256 encryption, which is configured on the receiver and synchronized to the transmitter. The unit shall feature an LCD screen for displaying settings and status, including GRP-CH, battery level, and audio input level, with additional real-time parameters such as frequency, AF gain, low-cut, limiter, encryption status, RF power, AF phase, lock status, and mute mode accessible through the MODE menu. Controls shall include an external power switch and mute button ('M'), along with internal SET and MODE buttons and a locking slider (padlock icons) located inside the battery compartment. Synchronization with the receiver's group and channel settings shall be accomplished via a one-touch IR synchronization function. The transmitter shall support dual power options: two AA batteries or one NCLB rechargeable lithium-ion battery. Charging is provided via a built-in USB Type-C port or an optional charging dock. The digital wireless handheld transmitter shall be the AUDIX NCHH.

SERVICE AND WARRANTY: This product is under warranty for a period of 1 year to be free of defects in material and workmanship. In the event of a product failure due to materials or workmanship, AUDIX will repair or replace said product at no charge with proof of purchase. AUDIX does not pay or reimburse shipping costs for warranty repairs or returns. The warranty excludes any causes other than manufacturing defects, such as normal wear, abuse, environmental damage, shipping damage, or failure to use or maintain the product per the supplied instructions. No Implied Warranties: All implied warranties, including but not limited to implied warranties of merchantability and fitness for a particular purpose, are hereby excluded. The liability of AUDIX, if any, for damages relating to allegedly defective products shall be limited to the actual price paid by Dealer for such products and shall in no event include incidental or consequential damages of any kind. Should your product fail in any way, please contact the AUDIX Service department at 503.682.6933. A Return Authorization is required before returning any product.

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