



# RE3-HHTNID-5H Handheld TX with no head, 560-596MHz

- Robust metal body
- 36 MHz tuning bandwidth
- Selectable 10mW and 50mW output power
- Common threaded coupling allows microphone head interchangeable
- Sync function for easy frequency setup



The RE3-HHT-5H is a lightweight, yet robust UHF handheld transmitter body. It is ideally-suited for professional performance and presentation applications.

Due to its commonly-used 1.25" diameter, 28 UN-2A thread pitch microphone head coupling, it accepts mic heads using this common coupling convention. Although primarily intended to accept the ND and RE Series heads developed for RE3 listed in the compatible products section of this data sheet, the RE3-HHT will adapt other microphone heads using the 1.25" diameter, 28 UN-2A thread pitch coupling scheme.

The all-metal body is robust and durable, and operates on 2 AA alkaline or rechargeable NiMH cells. The 36 MHz tuning bandwidth affords generous frequency tuning options helping to avoid various sources of possible interference. The selectable 10mW or 50mW output power assists in overcoming the challenges of both long, or short, transmission ranges. The threaded coupling makes attaching and interchanging a variety of heads simple and convenient. The ultrasonic sync function makes for a simple system setup by syncing the transmitter to the receiver frequency tuning and other functional data. Recharging contacts provide for

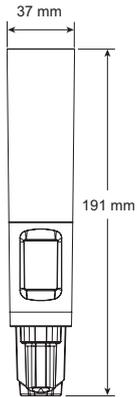
functional use with the optional BC2 charging station allowing the NiMH rechargeable cells within two bodypack transmitters to be charged without removal.

## Technical specifications

Frequency oscillation mode:	Phase-locked loop (PLL)
Band name:	5H
Tuning bandwidth:	36 MHz
Frequency range:	560-596 MHz
Sync frequency:	Ultrasonic
RF power output:	Low 10mW / High 50mW
Display by:	LCD + LED
Function controls:	Power, mute, group, channel, frequency, sensitivity adjustment, RF power, auto off, key lock.
RF stability:	<±10kHz@Fc
Modulation frequency shift:	Wideband FM ±48kHz deviation
Harmonic radiation:	<-50dBc

Battery:	2 x AA alkaline battery or NiMH rechargeable battery
Charging contacts:	Yes
Microphone coupling:	1.25" diameter, 28 UN-2A thread pitch
Microphone electrical contact:	3-ring/3-pin
Finish:	Black polyurethane paint
Dimensions (without head):	Height: 7.52 in. (191mm) Width at threaded end: 1.46 in. (37mm) Width at control cover: 0.856 in. (22mm)
Net weight (without head):	12.2 oz. (346 g)
Gross weight (without head):	16.9 oz. (480 g)

**Dimensions:**



For full operational information, download the RE3 installation manual at [www.electrovoice.com](http://www.electrovoice.com).

**Licensing and certification declarations:**

**FCC information:**

Certified under FCC Part 74.

**FCC IDs:** B5DH2285H

**Responsible Party - U.S. Contact Information  
Bosch Security Systems, Inc.**

130 Perinton Parkway  
Fairport, NY 14450  
USA

Tel: +1 (585) 223-4060

**Notice!**



Changes or modifications made by the user could void the user's authority to operate the equipment.

**IC (Industry Canada)**

Certified in Canada by IC under RSS-102, RSS-210, and RSS-Gen

**IC:** 1321A-RE3HHT560

**EU (European Union)**

The CE Declaration of Conformity can be obtained and downloaded from: [www.electrovoice.com](http://www.electrovoice.com)

This Equipment is in compliance with CE requirements and the following directives:

- 2011/65/EU RoHS Directive
- 2012/19/EU WEEE Directive
- 2014/53/EU RED Directive

Regarding (applies to) handheld transmitter RE3-HHT-5H (560-596 MHz):

This equipment is intended for use in wireless microphone applications.

Some countries in the EEA (European Economic Area) have restrictions placed on this equipment. If an EEA country is not listed it did not have any restrictions of the product at the time this document was published. The country codes used in regard to these restrictions are the following:

Austria (AT), Belgium (BE), Cyprus (CY), Denmark (DK), Germany (DE), Greece (EL), Spain (ES), Ireland (IE), Iceland (IS), Latvia (LV), Lithuania (LT), Malta (MT), Norway (NO), Slovakia (SK), Sweden (SE) and United Kingdom (UK).

Listed below are these restrictions:

- Transmitters in the ranges 560 - 596 MHz require a license in the following countries: AT, BE, CY, DE, IE, LV, LT, SK, SE, UK.
- Transmitters in the ranges 560 - 596 MHz require the transmitter be used in TV white spaces in the following countries: AT, DK, IS, MT, NO, ES.
- Transmitters in the ranges 560 - 596 MHz if used outdoors will have geographical restrictions of operation in the United Kingdom (UK).

**Notice!**



TV white spaces are gaps between operating TV broadcast stations where there are no active TV broadcasts.

Always consult your national authority before placing equipment into operation as requirements and spectrum usage can change.

**AU and NZ**

This device operates under an ACMA class license and must comply with all the terms of that license including operating frequencies.

**Licensing information**

Licensing: A ministerial license to operate this equipment may be required in certain areas. Consult your national authority for possible requirements. Changes or modifications not expressly approved by Electro-Voice could void your authority to operate the equipment. Licensing of Electro-Voice wireless microphone equipment is the user's responsibility, and licensability depends on the user's classification and application, and upon the selected frequencies on which it will operate. Electro-Voice advises the user to

contact the appropriate telecommunications authority concerning proper licensing, and before selecting and ordering frequency bands.

**Notices**

**Battery precautions**

- Keep batteries out of the reach of children.
- Observe and install batteries according to the correct polarity as marked on the battery and the transmitter battery compartment.
- Do not expose the battery to excessive heat such as sunshine, fire, or other sources of high heat.
- Always consider the environment issues and follow local regulations when disposing of batteries.
- Remove depleted battery immediately.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- Use only disposable LR6 (AA) alkaline or NiMH batteries.
- Do not mix new batteries with old ones in the transmitter at the same time.
- Do not use different battery types or models.
- Do not use a leaking battery. If battery leakage occurs, avoid contact with skin. If contact occurs, immediately wash thoroughly with soap and water.
- If battery leakage comes into contact with your eyes, immediately flush with water and seek medical attention.
- Remove and safely store batteries away from the transmitter when the transmitter will not be used for 60 or more days.

**Replacement parts**

Order number	Description
ESP-EF01U362339	RE3-HHT bottom section with slide door
ESP-EF01U362340	RE3-HHT display window
RE3-ACC-HHTSA1	Stand adapter for RE3-HHT transmitter

**Compatible products**

Order number	Description
ND76-RC3	Wireless head with ND76 capsule
ND86-RC3	Wireless head with ND86 capsule
ND96-RC3	Wireless head with ND96 capsule
RE420-RC3	Wireless head with RE420 capsule
RE520-RC3	Wireless head with RE520 capsule

**Parts included**

Quantity	Component
1	Handheld transmitter with stand adapter
2	AA batteries
1	Engineering datasheet
1	Warranty and product documentation information card

**Ordering information**

**RE3-HHTNID-5H Handheld TX with no head, 560-596MHz**  
 Not available for sale individually.  
 Order number **RE3-HHTNID-5H**

**Represented by:**

**Germany:**  
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