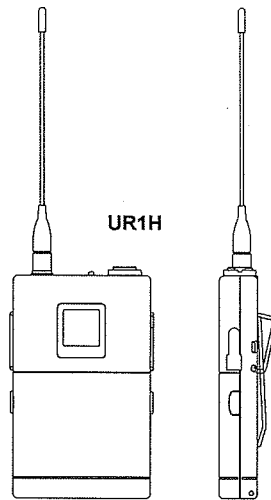


### Specifications:

The following specifications apply to the UR1H bodypack only.



UR1H

ADD: G1 470-530 MHz

Frequency Range	
Band	Range
H4, H4E	518-578 MHz
J5	578-608, 614-638 MHz
J5E	578-638 MHz
L3E, L3	638-698 MHz
Q5	740-814 MHz
R9	790-862 MHz
X1	944-952 MHz

### RF Carrier Frequency Range

470 ~~518~~-862 MHz, depending on region

### RF Output Power

250 mW (24 dBm) across all tunable frequencies, maximum variation of -1.5 dB

### Power Requirements

Two 1.5V AA batteries or  
9 - 20 VDC, Shure PS22 adaptor recommended  
—⊖+ Plug size: 1.7 mm x 4.0 mm (.067 in. x .159 in)

**NOTE:** This equipment has been tested and found to comply with the limits of a Class B digital device when used with PS22, pursuant to Part 15 of the FCC Rules.

**Current Drain:** 350 mA maximum at the battery terminals with 3 VDC applied

**Battery Life (Typical):** 3 hours, with 1.5V AA alkaline batteries  
7 to 9 hours, with AA lithium primary batteries

### Overall Dimensions

UR1H: 98 mm L x 60 mm W x 17 mm D  
(3.84 x 2.38 x 0.66 in.)

### Net Weight

97 g (3.4 oz.) without batteries

### UR1H Transmitter RF Output

<b>Connector:</b>	SMA
<b>Actual Impedance:</b>	50 Ω
<b>Pin Assignments:</b>	Shell = Ground Center = Signal

### Features

- High RF power (250 mW)
- Same audio performance as UR1
- Operates with alkaline or lithium batteries
- Rapid, two-way infrared (IR) data transmission
- External DC power connection
- Optional remote mount antenna
- Belt clip

**Warning:** The UR1H belt clip must be installed as shown to ensure compliance with FCC RF exposure guidelines for safe use.

### Safety Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment is in direct contact with the body of the user under normal operating conditions. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

For body-worn operation, the UR1H has been tested and meets the guidelines for safe use when used properly with the belt clip supplied or designated by Shure for use with this product. For safe use, do not remove or alter the position at the belt clip other than as instructed.

### UR1H Transmitter Audio Input

<b>Connector:</b>	4-Pin male mini connector (TA4M)
<b>Input Configuration:</b>	Unbalanced, active
<b>Actual Impedance:</b>	>1 MΩ
<b>Maximum Input Level: (1 kHz, 1% THD)</b>	+10 dBu (sensitivity 0 dB) +20 dBu (sensitivity -10 dB)
<b>TA4M Connector Pin Assignments:</b>	Pin 1: Ground Pin 2: +5 VDC bias Pin 3: Audio Pin 4: Tied through active load (on main board) to Ground (On instrument adaptor cable, Pin 4 floats)

### REPLACEMENT PARTS AND ACCESSORIES

#### Furnished Accessories

Antenna, 518-578 MHz ..... UA710  
Antenna, 578-698 MHz ..... UA720  
Antenna, 740-865 MHz ..... UA730  
Threaded Locking Adaptor TA4F ..... WA340

#### Optional Accessories

Bodypack Pouch (Black) ..... WA580B  
Bodypack Pouch (White) ..... WA580W  
AC to DC Power Supply ..... PS22

#### Antenna Accessories

**Note:** SMA to adaptor (UA910) is required to connect the following antenna accessories:

Antenna, 944-952 MHz	UA740
Passive Directional Wideband Antenna (470-1100 MHz)	UA860SWB
2 ft. Coaxial Antenna Cable, BNC-BNC (RG58C/U)	UA802
6 ft. Coaxial Antenna Cable, BNC-BNC (RG58C/U)	UA806
25 ft. Coaxial Antenna Cable, BNC-BNC (RG8X/U)	UA825
50 ft. Coaxial Antenna Cable, BNC-BNC (RG8X/U)	UA850
100 ft. Coaxial Antenna Cable, BNC-BNC (RG213/U)	UA8100
SMA to BNC Adaptor	UA910

## Certification

UR1H meets the essential requirements of the European R&TTE Directive 99/5/EC (ETSI EN 300 422 Parts 1 & 2. **Note:** 250 mW RF output power, EN 300 454 Parts 1 & 2, EN 301 489 Parts 1 & 9) and is eligible to carry the CE marking. **DD4UR1HH**

Certified under FCC Parts 74 (FCC ID: DD4UR1HA, DD4UR1HB, DD4UR1HC, DD4UR1HF). Certified by IC in Canada under RSS-123 and RSS-102 (IC: 616A-UR1HA, 616A-UR1HB, 616A-UR1HC). **616A-UR1HH** **^**

The "EU Declaration of Conformity" can be obtained from Shure Inc. or any of its European representatives. For contact information please visit [www.shure.com](http://www.shure.com)

## 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 Shure Incorporated could void your authority to operate the equipment. Licensing of Shure wireless microphone equipment is the user's responsibility, and licensability depends on the user's classification and application, and on the selected frequency. Shure strongly urges the user to contact the appropriate telecommunications authority concerning proper licensing, and before choosing and ordering frequencies.

## Information to User

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Operation of this device is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

**Note:** EMC conformance testing is based on the use of supplied and recommended cable types. The use of other cable types may degrade EMC performance

## FCC and IC Radiation Exposure Statement for Mobile Devices (when used with the UA860SWB)

This equipment complies with FCC and IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.