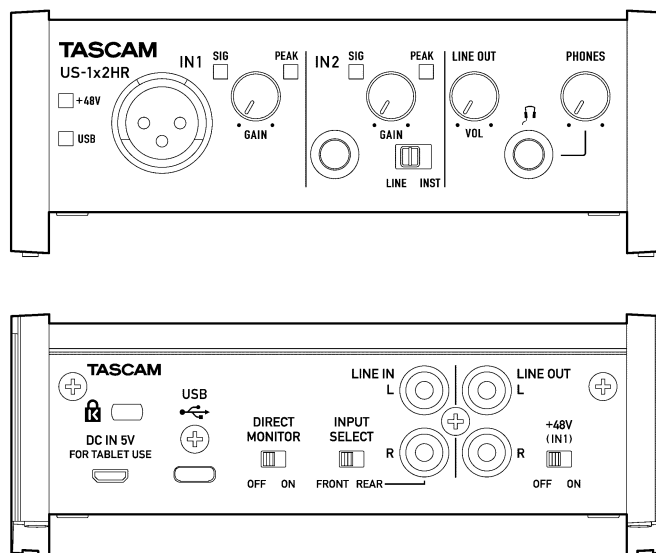


## Product Spec Sheet

### USB Audio Interface

# US-1x2HR



## ■ Specifications

### General

#### Sampling frequencies

44.1, 48, 88.2, 96, 176.4, 192 kHz

#### Quantization bit depth

24-bit

### Input/output ratings

#### • Analog inputs

##### IN1 input

##### Mic input (Balanced)

Connector:	XLR-3-31 equivalent (1: GND, 2: HOT, 3: COLD)
Maximum input level:	+9 dBu (2.183 Vrms)
Rated input level:	-7 dBu (0.346 Vrms)
Gain range:	56 dB
Input impedance:	2.4 k $\Omega$

##### IN2 input

##### LINE input (Balanced)

(LINE/INST switch set to LINE)

Connector:	6.3 mm (1/4") standard TRS jack (Tip: HOT, Ring: COLD, Sleeve: GND)
Maximum input level:	+20 dBu (7.750 Vrms)
Rated input level:	+4 dBu (1.228 Vrms)
Gain range:	45 dB
Input impedance:	10 k $\Omega$

##### INST input (Unbalanced)

(LINE/INST switch set to INST)

Connectors:	6.3 mm (1/4") standard TS jacks (Tip: HOT, Sleeve: GND)
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Maximum input level:	+3 dBV (1.413 Vrms)
Rated input level:	−13 dBV (0.224 Vrms)
Gain range:	45 dB
Input impedance:	1 MΩ or more

**LINE L/R inputs (Unbalanced)**

Connectors:	RCA pin jacks
Maximum input level:	+6 dBV (1.995 Vrms)
Rated input level:	−10 dBV (0.316 Vrms)
Input impedance:	10 kΩ

**•Analog outputs****LINE OUT L–R outputs (Unbalanced)**

Connectors:	RCA pin jacks
Maximum output level:	+6 dBV (1.995 Vrms)
Rated output level:	−10 dBV (0.316 Vrms)
Output impedance:	100 Ω

**Headphones output (PHONES)**

Connector:	6.3 mm (1/4") standard stereo jack
Maximum output:	18 mW + 18 mW or higher (THD+N 0.1% or less, into 32 Ω load)

**•Control input/output ratings****USB**

Connector:	4-pin USB Type-C
Transfer rate:	USB 2.0 High Speed (480 Mbps)

**DC IN 5V**

Connector:	USB Micro B type
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**Audio performance****Mic preamp EIN (equivalent input noise)**

−128 dBu or less (150 Ω termination, GAIN knob at maximum, 20 kHz SPCL LPF + A-Weight)
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**Frequency response****MIC IN (IN1)**

At 44.1/48 kHz, 20 Hz – 20 kHz:	+0 dB/−0.4 dB (JEITA)
At 88.2/96 kHz, 20 Hz – 40 kHz:	+0 dB/−0.4 dB (JEITA)

**LINE IN (IN2)**

At 44.1/48 kHz, 20 Hz – 20 kHz:	+0 dB/−0.3 dB (JEITA)
At 88.2/96 kHz, 20 Hz – 40 kHz:	+0 dB/−0.3 dB (JEITA)

**LINE OUT**

At 44.1/48 kHz, 20 Hz – 20 kHz:	+0.2 dB/−0.4 dB (JEITA)
At 88.2/96 kHz, 20 Hz – 40 kHz:	+0.2 dB/−0.4 dB (JEITA)

**S/N ratio**

109 dB (MIC IN, GAIN knob at minimum, 20 kHz SPCL LPF + A-Weight)
105 dB (LINE IN, GAIN knob at minimum, 20 kHz SPCL LPF + A-Weight)
110 dB (LINE OUT, LINE OUT knob at maximum, 20 kHz SPCL LPF + A-Weight)

**THD + N**

0.0013% (MIC IN, 1 kHz sine wave, −5 dBFS input, GAIN knob at minimum, 20 kHz SPCL LPF)
0.0027% (LINE IN, 1 kHz sine wave, −5 dBFS input, GAIN knob at minimum, 20 kHz SPCL LPF)

0.0015%

(LINE OUT, 1 kHz sine wave, -4 dBFS input, LINE OUT knob at maximum, 20 kHz SPCL LPF)

#### **Crosstalk**

95 dB or more

(MIC/LINE IN to LINE OUT, 1 kHz sine wave, GAIN knob at minimum)

### **Computer system requirements**

Check the TEAC Global Site (<https://teac-global.com/>) for the latest information about supported operating systems.

#### **•Windows**

##### **Supported operating systems**

Windows 10 32-bit

Windows 10 64-bit

Windows 8.1 32-bit

Windows 8.1 64-bit

Windows 7\*

Windows 7 32-bit SP1 or later

Windows 7 64-bit SP1 or later

\* Operation has been confirmed with the final version of Windows 7.

##### **Computer hardware requirements**

Windows computer with a USB 2.0 (or higher) port

##### **CPU/processor speed**

2 GHz or faster dual core processor (x86)

##### **Memory**

2 GB or more

#### **ATTENTION**

Operation of this unit was confirmed using standard computers that meet the above requirements. This does not guarantee operation with all computers that meet the above requirements. Even computers that meet the same system requirements might have processing capabilities that differ according to their settings and other operating conditions.

#### **•Mac**

##### **Supported operating systems**

macOS Catalina (10.15 or later)

macOS Mojave (10.14 or later)

macOS High Sierra (10.13 or later)

##### **Computer hardware requirements**

Mac with a USB 2.0 (or higher) port

##### **CPU/processor speed**

2 GHz or faster dual core processor

##### **Memory**

2 GB or more

#### **•iOS device**

Operation has been confirmed with Apple devices running the following iOS versions.

iPadOS13

iOS13

iOS12

iOS11

#### **ATTENTION**

To connect an iOS device that has a Lightning connector, a genuine Apple Lightning to USB Camera Adapter (sold separately) is necessary.

•Supported audio drivers

**Windows**

ASIO2.0, WDM

**Mac**

Core Audio

**iOS device**

Core Audio

**Other**

**Power**

**Used with a computer**

USB bus power

**Used with an iOS device**

USB power adapter (that can supply 5 V and a current of at least 700 mA)(\*1)

External battery pack (that can supply 5 V and a current of at least 700 mA)(\*2)

\*1 We strongly recommend using TASCAM PS-P520E AC adapter or the USB power adapter included with the iPad/iPhone. No USB power adapter is included with an iPod touch. To use it with an iPod touch, purchase a genuine Apple USB power adapter (that can supply 5 V and a current of at least 700 mA) separately.

\*2 We strongly recommend using a TASCAM BP-6AA external battery pack. If using another external battery pack or mobile battery, purchase one that can supply 5 V and a current of at least 700 mA.

**Power consumption**

1.8 W

**Dimensions**

146 × 55 × 120 mm (W x H x D, including protrusions)

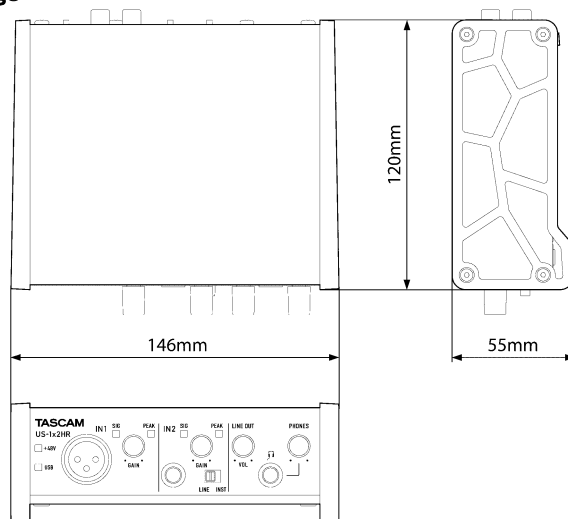
**Weight**

623 g

**Operating temperature range**

5 – 35° C (41 – 95° F)

■ Dimensional drawings



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