

# SONY

## MDR-EX750BT/B

### H.ear in Wireless Headphones

Unplug from the ordinary with the freedom of wireless listening, exceptional sound and eye-catching style. Give the music you love the quality it deserves with High-Resolution Audio support. Listen all day while you marvel at a behind-the-neck design so comfortable and natural, you'll forget you're wearing headphones. Vibrant sound has never looked so good.



### Features

#### Go wire free with Bluetooth® and NFC

Enjoy your music wirelessly with Bluetooth and NFC<sup>1</sup>

#### High-Resolution Audio for uncompromising sound

Give the music you love the quality it deserves. High-Resolution Audio offers an uncompromised rendition of the music – just as the artist intended.<sup>2</sup> Enjoy Hi-Res audio via included wired connection.

#### Listen longer with up to 7.5 hours of battery life

Perfect for commuting or when you want to enjoy your music all day, when fully charged you can enjoy up to 7.5 hours of music or talk time.<sup>3</sup> You can even continue listening when the battery runs out by simply plugging in the supplied headphone cable.

#### In-ear comfort and style

Whatever your look, whatever your taste, H.ear in Wireless headphones are a perfect fit. The single-color, single-shape and choice of earbud sizes ensure long-listening comfort with a style all its own.

#### Lightweight, behind-the-neck design

Listen all day thanks to a lightweight, behind-the-neck design that's so comfortable and natural, you'll forget you're wearing headphones.

#### Make clear, hands-free calls

A built-in microphone and HD voice support enables you to conduct crisp, clear hands-free calls.

#### Wide frequency response for pure audio

H.ear in Wireless headphones can deliver a frequency range of 5 Hz - 40 kHz that's perfect for enjoying high quality digital files and High Resolution Audio. Even when streaming wirelessly with LDAC Bluetooth streaming, you'll hear an impressive 20Hz-40kHz range.

#### Enjoy higher quality Bluetooth® streaming with LDAC

LDAC transmits approximately three times more data than conventional Bluetooth® Audio, which allows you to enjoy High-Resolution Audio content in exceptional sound quality near to High-Resolution Audio.

### Specifications

General Features (Headphone)	
Plug	The gilding, L-form, stereo mini-plug
Sensitivity	105 dB/mW (when using the dedicated headphone cable)
Type	Closed, Dynamic
Drive Unit	9 mm, dome type (CCAW VoiceCoil)
General Features (Mic)	
Direction of Microphone	Omni directional
Effective Frequency of Microphone	100Hz - 8,000Hz
Unit of Microphone	MEMS
General Features (Active Headphones)	
Batteries	DC3.7V : Built-in lithium-ion rechargeable battery
Battery Charge Method	Approx. 2.5 Hours (Full charge)

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Battery Charge Time	Approx. 2.5 Hours (Full charge)
Battery Indicator (charge indication)	Red LED
Battery Indicator (working indication)	Blue LED
Battery Life(continuous communication time)	Max.7.5 hours
Battery Life(continuous music playback time)	Max.7.5 hours
Battery Life(Waiting Time)	Max.7.5 hours
Frequency Response	5Hz-40kHz
Impedance	16
Passive Operation	Yes
<b>Bluetooth</b>	
Bluetooth® Technology	Version4.1
Effective Range	Line of sight approx.30ft (10m)
Frequency Range	2.4 GHz band (2.4000 GHz-2.4835)
Frequency Range(A2DP)	20 Hz - 20,000 Hz (Sampling frequency 44.1 kHz) 20 Hz - 40,000 Hz (Sampling frequency LDAC 96 kHz, 990 kbps)
Interface	A2DP (Advanced Audio Distribution Profile) AVRCP (Audio Video Remote Control Profile) HFP (Hands-free Profile) HSP (Headset Profile)
Modulation Method	FHSS
NFC	Yes
Power Output	Bluetooth power class2
Supported Audio Format(s)	SBC AAC aptX LDAC
Supported Content Protection	SCMS-T
<b>Weights and Measurements</b>	
Weight (Approx.)	1.34 oz (38 g) (excl.cable erights)
<b>Accessories</b>	
Supplied Accessories	Clip Carrying Pouch Connection Cable (Dedicated headphone cable, approx. 39 3/8in (1 m)) USB Cable (Micro-USB cable, approx.19 3/4in (50 cm)) Earbuds (SS, S, M, L) Warranty Card Operating Instructions Reference Guide

1. LDAC supports several transmission rates according to your wireless environment. It allows you to enjoy High-Resolution Audio content in exceptional sound quality near to High-Resolution Audio, by transmitting at the maximum transfer rate: 990 kbps (approximately three times more data than conventional Bluetooth® audio). LDAC provides an enhanced wireless listening experience for all your music, the way the artist truly intended.

2. Only compatible with High-Resolution Audio when wired.

3. Actual performance varies based on settings, environmental conditions, and usage. Battery capacity decreases over time and use.

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