Parts and their functions

■ Left side

Mic attachment
(sold separately)

(Can be changed)

Input
volume 1

UNLOCK
button

Speaker

PLAY/PAUSE
button

Track
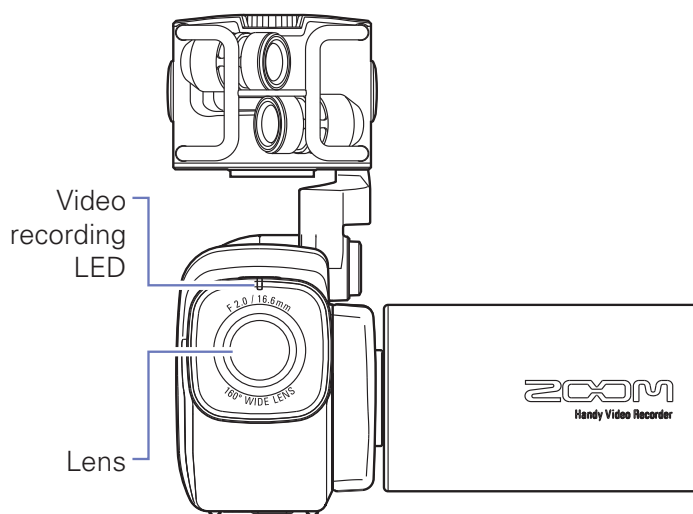buttons

Input
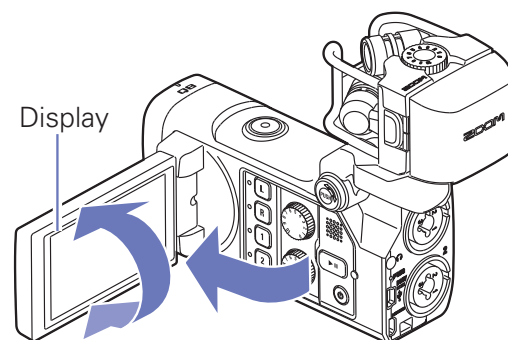volume 2

POWER
button

■Top

MIC GAIN
adjustment knob

REC
button

XY mic

2
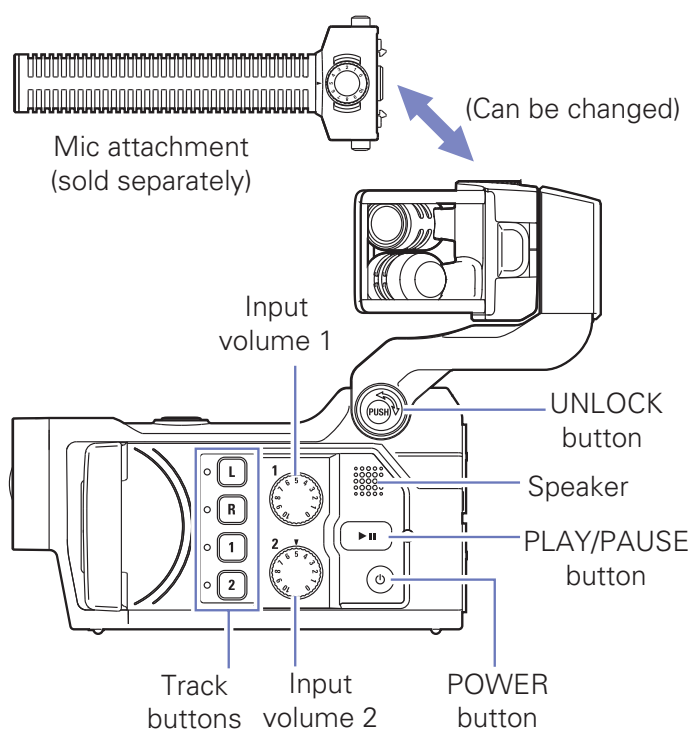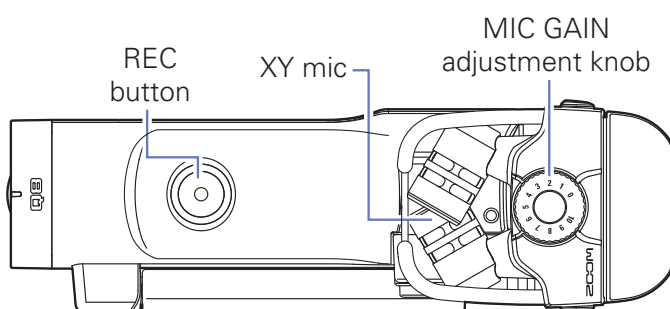
Parts and their functions (continued)
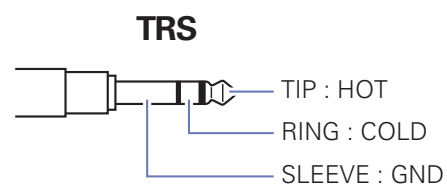
■ Front

Video recording LED

F 2.0 / 16.6mm

160° WIDE LENS

Lens

ZOOM
Handy Video Recorder

Opening and closing the LCD screen

Display

■ Back

ZOOM

Headphones jack

Charging LED

USB port

HDMI port

Input 1 jack

Input 2 jack

XLR

2
3
1

1 : GND
2 : HOT
3 : COLD

TRS

TIP : HOT
RING : COLD
SLEEVE : GND

3
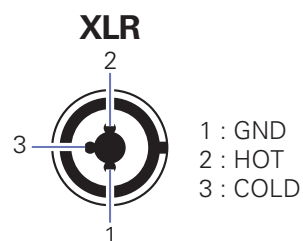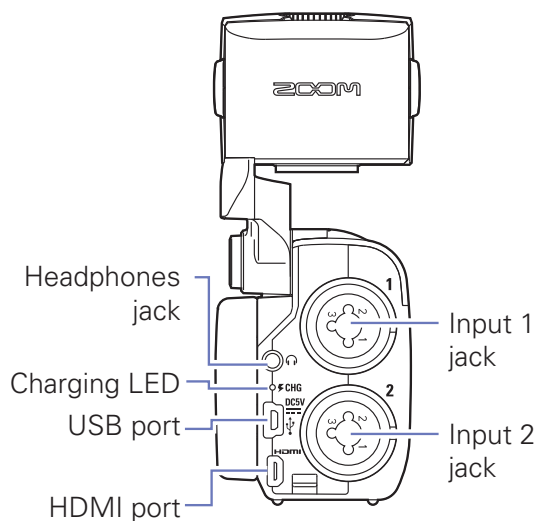
■ Right side
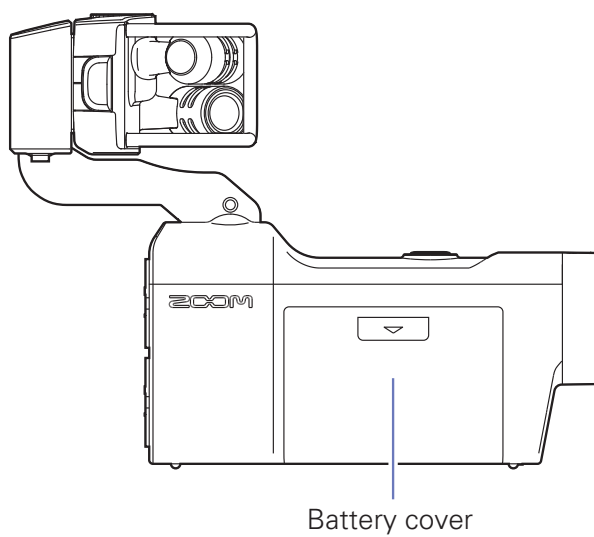
Battery cover

NOTE

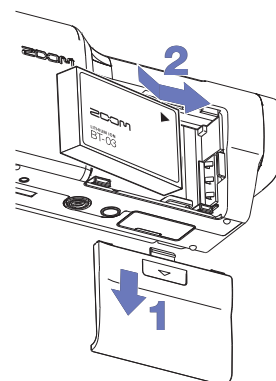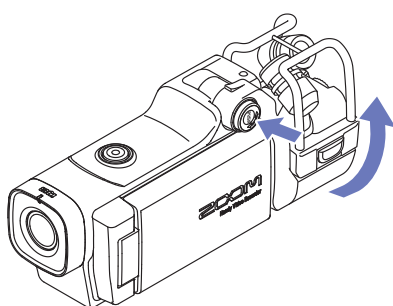Connecting the battery

1 Slide the battery cover down to remove it.
2 Install the battery as shown in the illustration and reattach the battery cover.
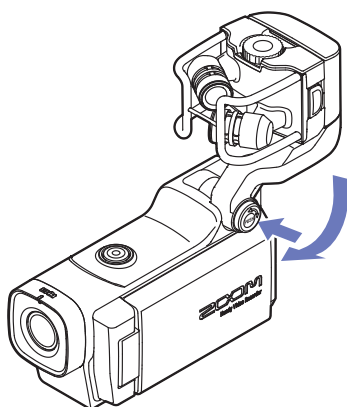
Mic overview

The XY mic included with the **Q8** can be swapped with another mic attachment according to your need.

■ Raising the mic

1. While pressing the UNLOCK button, raise the mic until it reaches the fixed position.
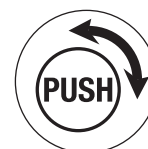
■ Lowering the mic

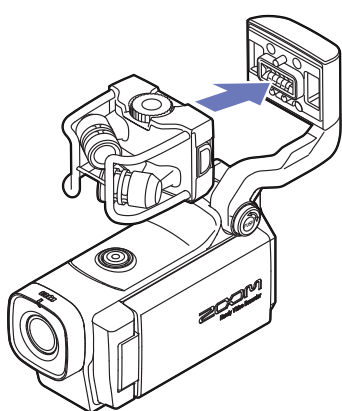1. While pressing the UNLOCK button, lower the mic.

⚠ **CAUTION**

Do not force the mic arm without pushing the UNLOCK button. Doing so could damage the main unit.

(PUSH)

■ Attaching the mic

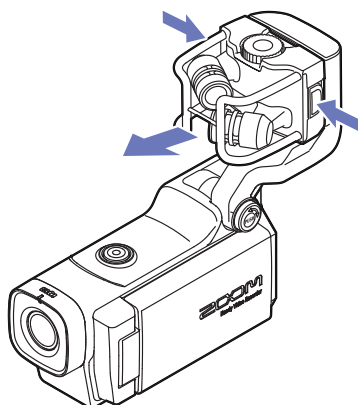**1.** Attach the mic to the main unit and push it into place until it locks.

■ Disconnecting the mic

1. While pressing the buttons on the left and right sides of the mic, pull it out of the main unit.

⚠ **CAUTION**

- When disconnecting the mic, do not use too much force. Excessive force could damage the mic or the main unit.
- Video recording will stop if a mic is removed during recording.

Specifications

|	
Recording media	SD/SDHC/SDXC cards (up to 128 GB)
Image sensor	1/3-inch 3-megapixel CMOS sensor
Lens	Fixed focus (36 cm – ∞), F2.0, focal distance about 16.6 mm (35 mm equivalent)
Video format	MPEG-4 AVC/H.264 (MOV)
Video resolutions	3M HD (2304×1296) 30fps, HD1080p 30fps, HD720p 60fps, HD720p 30fps, WVGA 60fps, WVGA 30fps
Audio formats	WAV (16/24-bit quantization, 44.1/48/96kHz sampling frequency) AAC (64–320kbps bit rate, 48kHz sampling frequency)
Audio functions	Low-cut filter (80Hz,120Hz,160Hz), dynamics control (Limiter, Compressor, Leveler)
Image functions	5-step digital zoom, scene selection (Auto/Concert Lighting/Night) Self timer (Off/3sec/5sec/10sec)
Display	2.7″ wide full color LCD, Touch screen
L/R inputs	XY mic: XYQ-8 120° XY stereo format Maximum sound pressure input: 140 dBspl Input gain: −∞ to 52 dB Equivalent input noise: −120 dBu or less
INPUT 1/2	Input connectors: TRS/XLR combo jacks Input gain (PAD OFF): −∞ to 55 dB Input gain (PAD ON): −∞ to 35 dB Input impedance: 1.8 kΩ or more Maximum permissible input level: +22 dBu (PAD ON) Phantom power: +12/+24/+48V Equivalent input noise: −120 dBu or less
Output connector	Combined line/headphones stereo mini jack HDMI micro Type D
Built-in speaker	400mW 8Ω mono speaker
USB	Mini B type <Operation as mass storage> Class: USB2.0 High Speed <Operation as audio interface> Class: USB2.0 Full Speed Specifications: 44.1kHz sampling rate, 16-bit <Operation as webcam> Specifications: WVGA/720p video size, 48kHz 16-bit audio Note: Audio interface and mass storage operation with iPad is supported. Note: USB bus power supported
Power supply	Lithium-ion battery: DC 4.2V maximum voltage, DC 3.7V nominal voltage, 1700mAh capacity AC adapter (ZOOM AD-17, sold separately): DC 5V/1A
Recharging times	By USB: about 4 hours and 30 minutes, Using ZOOM AD-17: about 2 hours and 45 minutes
Battery operation time	Rated: about 3.5 hours (when recording 720p/30fps video with LCD closed) Actually use: about 2 hours (when recording 720p/30fps video with LCD opened and condenser mic connected to combo jack)
External dimensions	Main unit (maximum dimensions when arm lowered) 157.57 (length) × 47.8 (width) × 68.65 (height) mm Main unit (maximum dimensions when arm raised) 156.63 (length) × 47.8 (width) × 118.54 (height) mm 300 g (including battery) Mic (maximum dimensions): 50.17 (length) × 37 (width) × 52.3 (height) mm 40g

ZOOM.

Included items

The package should contain the following items. Please confirm that they have all been included.
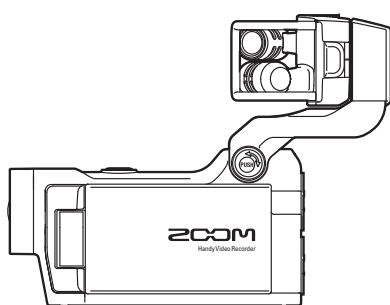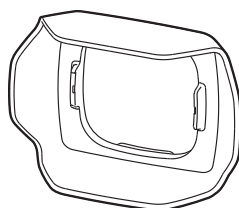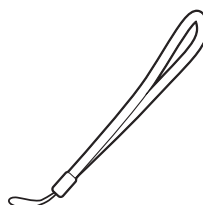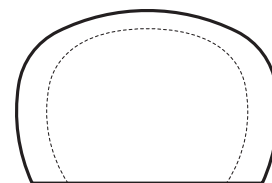
· **Q8** main unit

· Lithium-ion battery
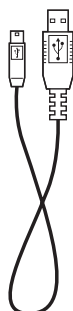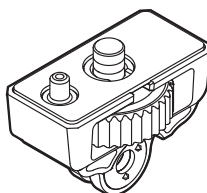 (BT-03)

LITHIUM ION
BT-03
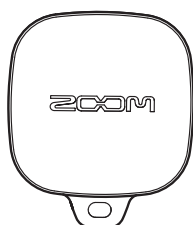
· Lens cover

· Lens hood

· Strap

· Foam windscreen

· USB cable

· Accessory mount
  adapter

· User Guide