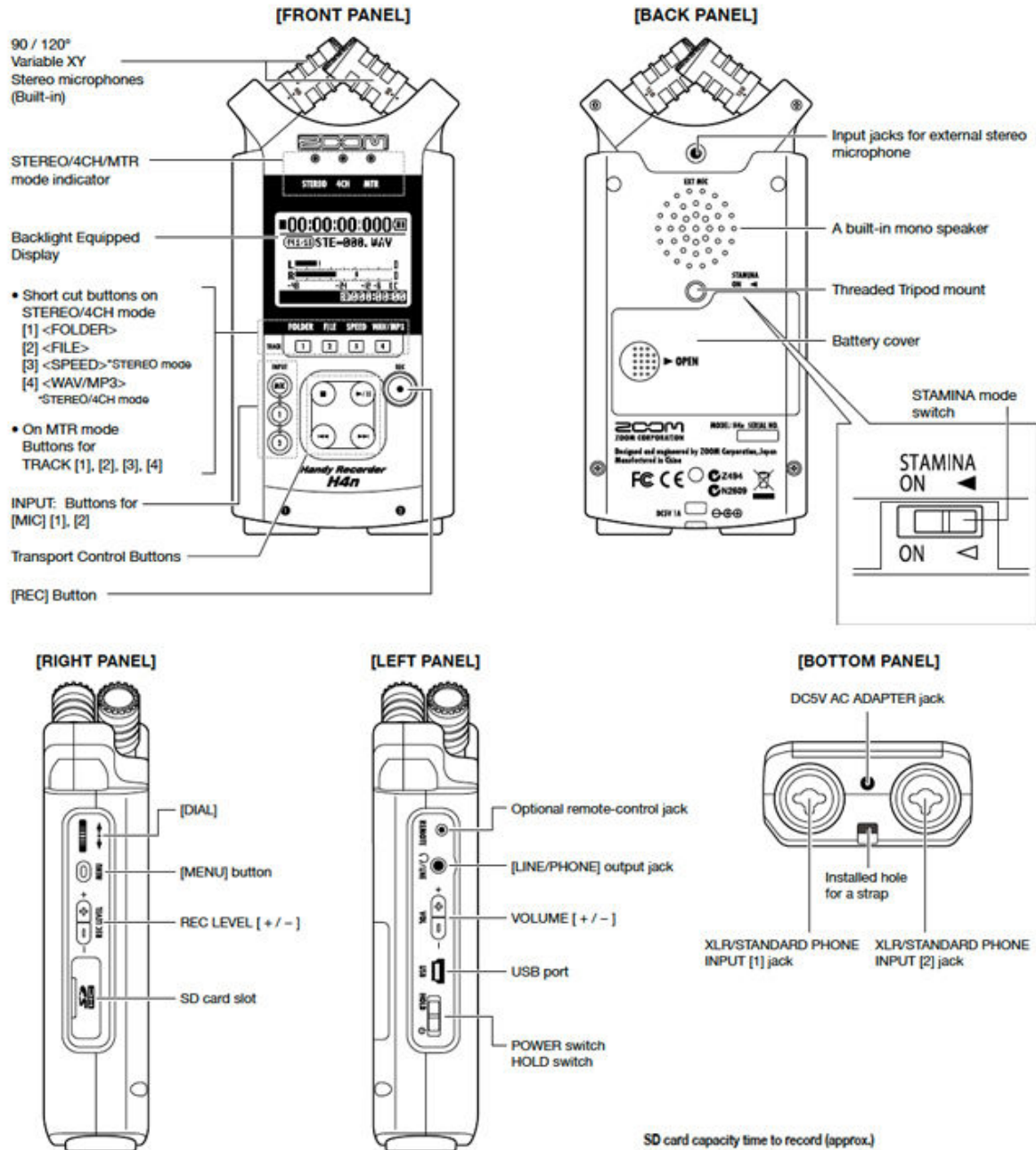
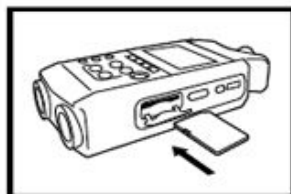


Zoom H4N



Insert 2 AA size batteries
(aprox 6 hpours of recording)
Insert an SD card

Insert the SD card into the slot.



To Power On



Format SD card

Go to: MENU
Scroll down to "SD Card"
> FORMAT

TURN STAMINA MODE OFF

SD card capacity time to record (approx.)

4GB SDHC card	Recording time
WAV 44.1 kHz/16 bits (measured in terms of stereo track)	approx. 380 minutes
MP3 44.1 kHz/128 kbps (measured in terms of stereo track)	approx. 68 hours



Getting Started

Push the Power slide down to the On position and hold until the "Z" appears on the Zoom display.
 Insert headphones (if using)
 The Volume buttons control only the headphones volume (adjust to 50 to start)



Setting the Record Mode

Zoom recorders have 3 Record Modes
 Stereo, 4 Channel (4Ch) & Multi-track Recording (MTR)
 A red light will indicate the current mode.
 The recorder needs to be set at **STEREO**
 If **STEREO MODE** is not enabled press the MENU button



Use the scroll dial above the MENU button and scroll down to **MODE**.

Press the dial in (like a button) to bring up **MODE** settings



Choose **STEREO** and press the MENU dial to select
 Press MENU twice to exit out



Selecting Record Format:

A Record Format of 44kHz/16bit is recommended and the file should be .WAV (The MP3 format is a compressed and inferior compared to .WAV files.)

The display will show the current record format inside a box in the upper left corner. The file type (WAV or MP3) is to the right of that and follows the name of the audio track.

If not set to 44kHz/16bit WAV press **Button 4** marked WAV/MP3

Set to WAV44kHz/16bit if you are recording audio for a video project.

Non-critical recording could be done in MP3, the file size will be smaller





To Select Built In Mics:

Under INPUT choose MIC

MIC lights up red when enabled.

Press the REC button once to put the recorder in standby mode.

You should now see the record level moving.



Setting Record Levels:

On the right side of the unit adjust REC LEVEL + or -as needed (start at 50)

Your record levels should peak around -12db
(range between -24db to -12db)

The range between -12db and 0 is called the headroom and is reserved for your loudest sounds and is a safety net.



Recording voice be 1-1.5ft from your subject with the built in mics rotated to 90-degrees

Recording ambient sound built in mics should be at 120-degrees.



Start Recording:

Press REC again. REC light turns solid red.

Time on display begins rolling.

To add a marker during your recording press REC again.

To stop recording press STOP button.