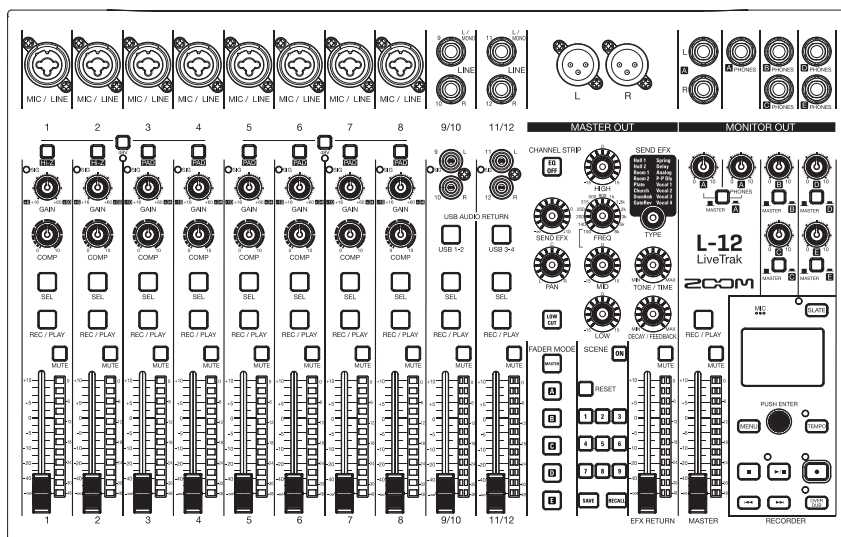




# L-12

## LiveTrak



## Quick Guide

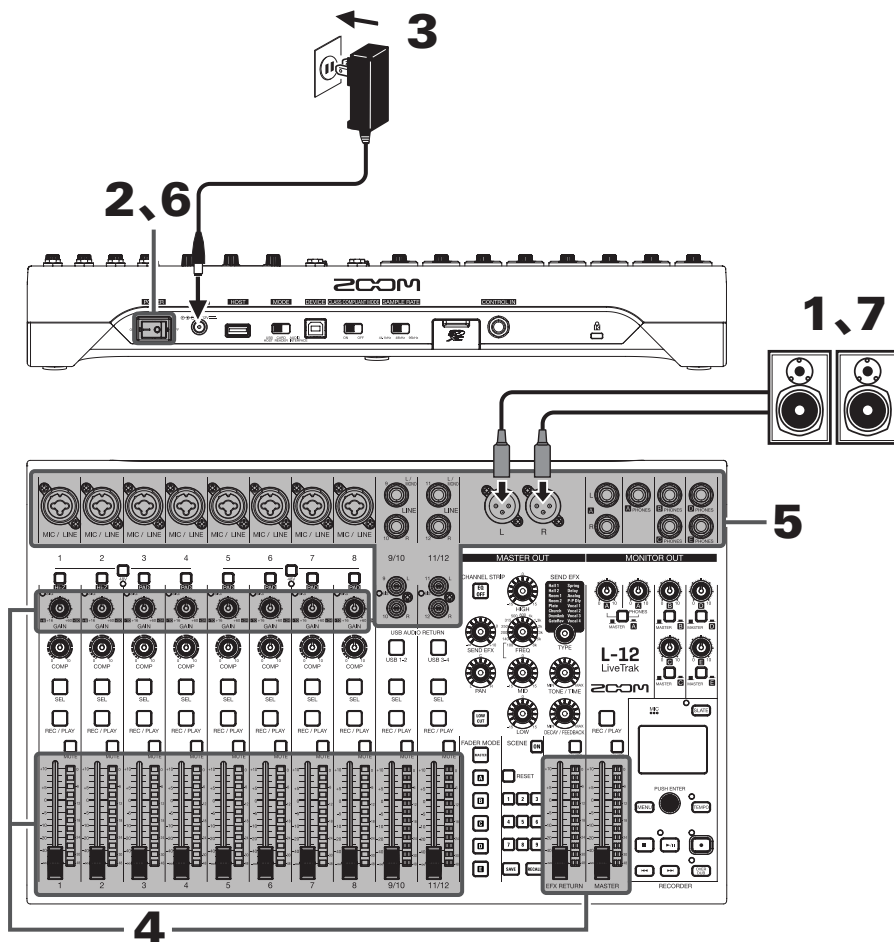
The Operation Manual can be downloaded from the ZOOM website  
([www.zoom.co.jp](http://www.zoom.co.jp))

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# Turning the unit on/off

## Turning the unit on



1. Confirm that the output devices connected to the **L-12** are turned off.
2. Confirm that the **POWER** switch is set to OFF.
3. Plug the AD-19 adapter designed for this unit into an outlet.

4. Set all  knobs and faders to their minimum values.

5. Connect instruments, mics, speakers and other equipment.

**HINT**

See Operation Manual for connection examples.

6. Set  OFF to ON.

7. Turn on the output devices connected to the **L-12**.

**NOTE**

- When using a passive guitar or bass guitar, connect it to channel 1 or 2, and turn  on.
- When using a condenser mic, turn  on.
- The power will automatically turn off if the **L-12** is unused for 10 hours. If you want the power to stay on always, disable the automatic power saving function.

## Turning the power off

1. Minimize the volume of devices connected to the **L-12**.

2. Turn off the power of output devices connected to the **L-12**.

3. Set  OFF to OFF.

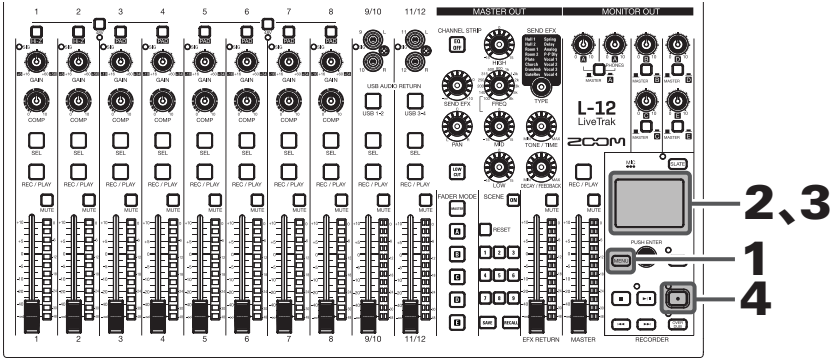
The following screens appear and the power turns off.



**NOTE**

When the power is turned off, the current mixer settings are saved in the project on the SD card. If they cannot be saved to the SD card, they will be saved in the unit.

# Setting the date and time



**1.** Press **MENU**.  
This opens the display MENU screen.

**2.** Select **SYSTEM** > **DATE/TIME**.

Move cursor: Turn   
Confirm: Press 

**3.** Set the date and time.

Move cursor or change value: Turn   
Select item/confirm change: Press 

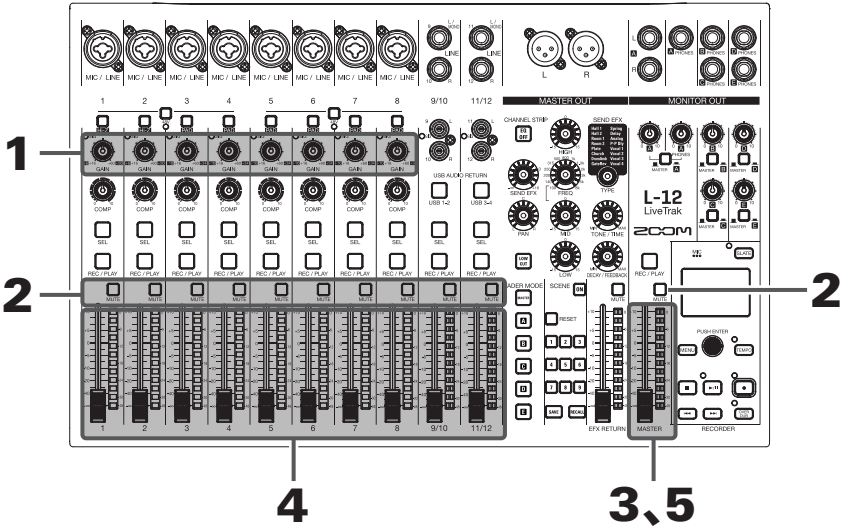


**4.** Press .

The first time you turn the power on after purchase, you must set the date/time.

# Outputting input sounds from output devices

## Outputting sound from speakers



- 1.** Use  to adjust the input signals while inputting sound from instruments and mics.

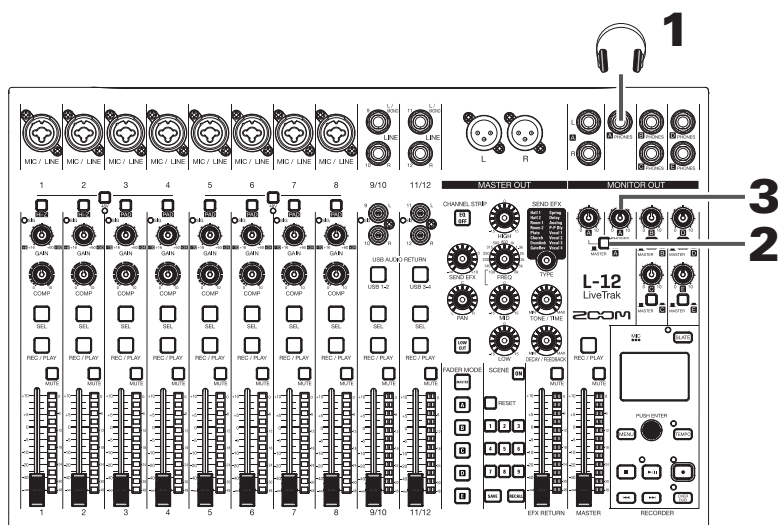
**NOTE**

Set them so that SIG indicators do not light red.



- 2.** Turn  off (unlit) for the MASTER and the channels with sound you want to output.
- 3.** Set the MASTER fader to 0.
- 4.** Use the channel faders to adjust the volumes.
- 5.** Use the MASTER fader to adjust the overall volume.

# Outputting sound from headphones

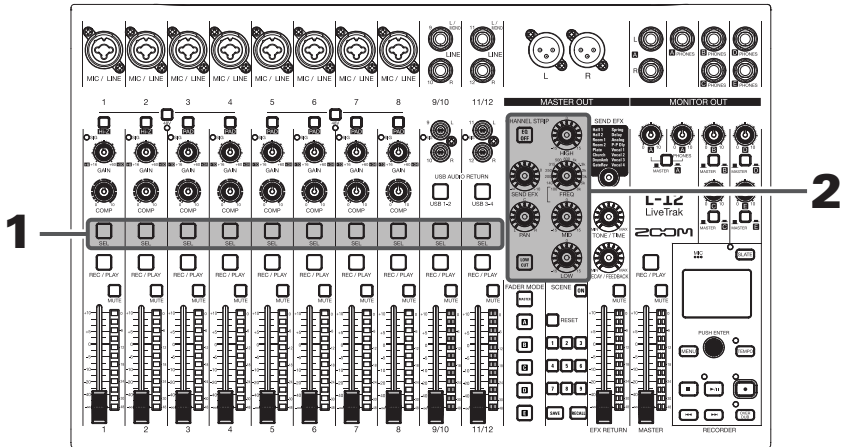


**1.** Connect headphones to the MONITOR OUT PHONES A jack.

**2.** Set  to MASTER ().

**3.** Use  to adjust the volume.

# Adjusting the tone and panning



1. Press  to light it for the channel for which you want to adjust tone and panning.
2. Use the knobs and buttons to adjust the tone and panning.

Adjusting the tone:     

Adjusting the panning:   
PAN

## NOTE

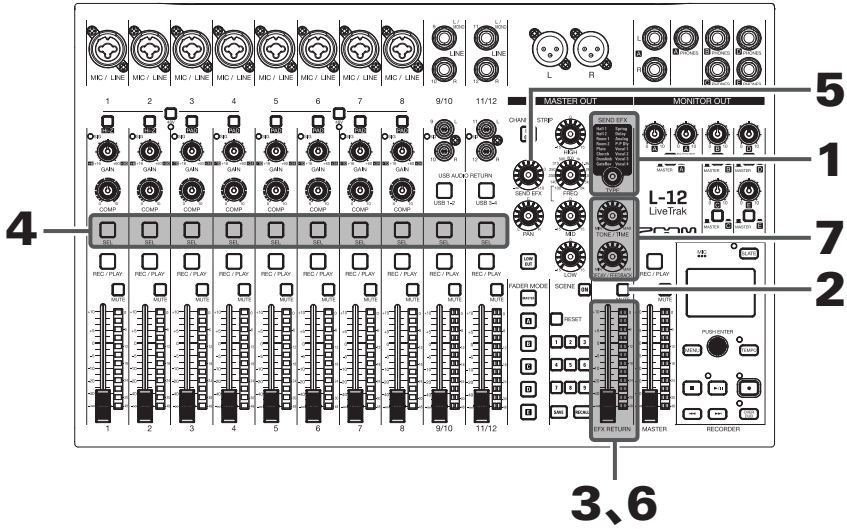
Press  to light it, turning off all equalization at once. This will bypass HIGH, MID, LOW and LOW CUT settings.

## HINT

See the Operation Manual for details about how to use the compressor and the knobs and buttons.

# Using the built-in effects

The **L-12** has 16 types of send effects



1. Turn  to select the effect type, and press  to confirm.

**SEND EFX**

|         |         |
|---------|---------|
| Hall 1  | Spring  |
| Hall 2  | Delay   |
| Room 1  | Analog  |
| Room 2  | P-P Dly |
| Plate   | Vocal 1 |
| Church  | Vocal 2 |
| DrumAmb | Vocal 3 |
| GateRev | Vocal 4 |

— Lit: Effect selected



TYPE

2. Press  to turn it off, unmuting the EFX RETURN.
3. Set the SEND EFX RETURN fader to 0.
4. Press the  for the channel that you want to use the effect on to light it.
5. Use  to adjust the amount for each channel.

**6.** Use the SEND EFX RETURN fader to adjust the overall effect amount.

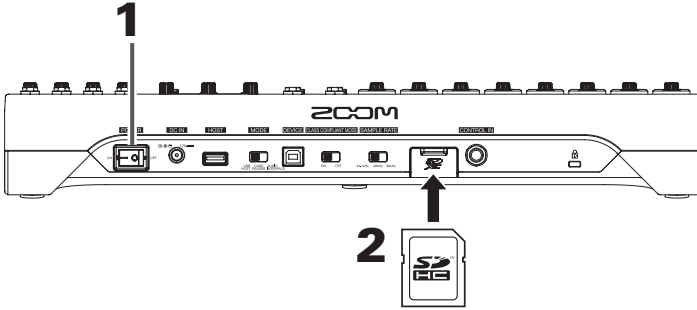
**7.** Use  and  to adjust the send effect parameters.

### NOTE

See Operation Manual for the parameters of each effect that can be adjusted by  and .

# Preparing to record

## Inserting SD cards



1. Set **POWER** OFF to OFF.
2. Open the SD card slot cover, and insert an SD card all the way into the slot.

To remove an SD card, push it further into the slot and then pull it out.

### NOTE

- Disable write-protection on the SD card before inserting it.
- Always set **POWER** OFF to OFF before inserting or removing an SD card.  
Inserting or removing a card while the power is on could result in data loss.
- When inserting an SD card, be sure to insert the correct end with the top side up as shown.
- If an SD card is not loaded, recording and playback are not possible.
- To format an SD card, see Operation Manual.

## Creating new projects

The **L-12** manages recording and playback data in units called projects.

1. Press **MENU**.

This opens the display MENU screen.

2. Select **PROJECT** > **NEW PROJECT**.

Move cursor: Turn 

Confirm: Press 

3. Use  to select YES, and press .



### NOTE

When a new project is created, it will start with the current mixer settings.

### HINT

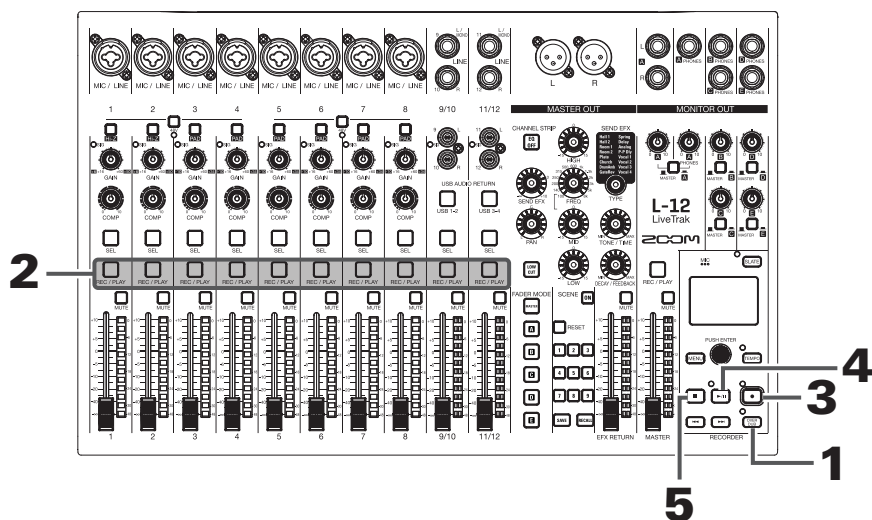
When the **L-12** power is turned on, it will automatically load the last used project.

# Recording and playing tracks

The **L-12** has recorder functions that enable simultaneous recording of up to 14 tracks and simultaneous playback of up to 12 tracks.

The signals from every channel after they pass through their compressors and from the master fader output can be recorded. These recordings can also be played back.

## Recording



1. Use  to turn overdubbing on or off.
  -  OVER DUB indicator
  -  Lit (on): Overwrite current project
  -  Unlit (off): Create and record to new project
2. Press  for the channels you want to record, lighting these buttons red.
3. Press  to start recording standby.

### HINT

If a recorded file already exists, and  is off, pressing  will create a new project and then start recording standby.

**4.** Press  to start recording.

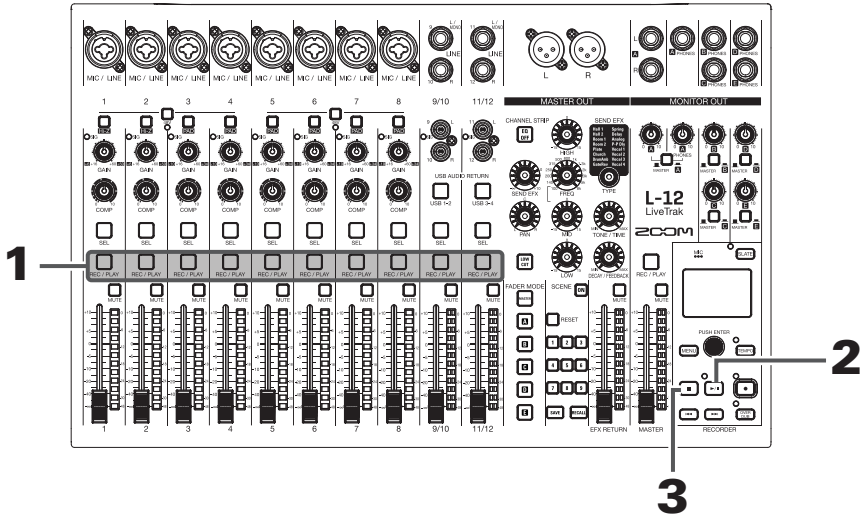
**5.** Press  to stop recording.

### NOTE

- The signals for each channel are recorded after passing through their compressors.
- See the Operation Manual for information about punching in/out, automatic recording and pre-recording.
- When recording stops, "Please Wait" appears on the display. Do not turn the power off or remove the SD card while this message appears. Doing so could cause data loss or malfunction.

## Recording and playing tracks

### Playing recordings



1. Press ☐ for the channels you want to play, lighting these buttons green.  
REC / PLAY
2. Press  to start playback.  
○ — PLAY/PAUSE indicator  
 Lit: Playing back  
Blinking: Paused
3. Press ☐ to stop playback.

#### NOTE

- Playback signals are added before the equalizer section, so their EQ and panning settings can be adjusted during playback.
- See the Operation Manual for information about changing playback modes and selecting the playback project.
- Other channels cannot be played back when the MASTER channel is playing back.

# Specifications

|                                      |                                                                                                                              |                                       |                                                                                                                      |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Number of in-put and output channels | Inputs                                                                                                                       | Mono (MIC/LINE)                       | 8                                                                                                                    |
|                                      |                                                                                                                              | Stereo (LINE)                         | 2                                                                                                                    |
|                                      |                                                                                                                              | MASTER OUT                            | 1                                                                                                                    |
|                                      |                                                                                                                              | MONITOR OUT                           | 5                                                                                                                    |
| Inputs                               | Mono (MIC/LINE)                                                                                                              | Type                                  | XLR/TRS combo jacks (XLR: 2 HOT, TRS: TIP HOT)                                                                       |
|                                      |                                                                                                                              | Input gain                            | PAD OFF: +16 – +60 dB<br>PAD ON: –10 – +34 dB<br>Hi-Z ON: +6 – +50 dB                                                |
|                                      |                                                                                                                              | Input impedance                       | XLR: 3 k $\Omega$<br>TRS: 10 k $\Omega$ /1 M $\Omega$ (when Hi-Z ON)                                                 |
|                                      |                                                                                                                              | Maximum input level                   | PAD OFF: 0 dBu (at 0 dBFS)<br>PAD ON: +26 dBu (at 0 dBFS)                                                            |
|                                      |                                                                                                                              | Phantom power                         | +48 V                                                                                                                |
|                                      |                                                                                                                              | Stereo (LINE)                         | Type<br>TS phone/RCA pin (unbalanced) jacks                                                                          |
|                                      | Outputs                                                                                                                      | Maximum input level                   | +10 dBu                                                                                                              |
|                                      |                                                                                                                              | MASTER OUT                            | Type<br>XLR jacks (balanced)                                                                                         |
|                                      |                                                                                                                              | Maximum output level                  | +14.5 dBu                                                                                                            |
|                                      |                                                                                                                              | Output impedance                      | 100 $\Omega$                                                                                                         |
|                                      |                                                                                                                              | MONITOR OUT A (TRS)                   | Type<br>TRS phone jacks (balanced)                                                                                   |
|                                      |                                                                                                                              | Maximum output level                  | +14.5 dBu                                                                                                            |
| Buses                                | Outputs                                                                                                                      | Output impedance                      | 100 $\Omega$                                                                                                         |
|                                      |                                                                                                                              | MONITOR OUT A-E (PHONES)              | Type<br>Standard stereo phone jacks                                                                                  |
|                                      |                                                                                                                              | Maximum output level                  | 42 mW + 42 mW at 60 $\Omega$                                                                                         |
|                                      |                                                                                                                              | Output impedance                      | 100 $\Omega$                                                                                                         |
| Channel strip                        | Buses                                                                                                                        | MASTER                                | 1                                                                                                                    |
|                                      |                                                                                                                              | MONITOR                               | 5                                                                                                                    |
|                                      |                                                                                                                              | SEND EFX                              | 1                                                                                                                    |
| Level meters                         | Channel strip                                                                                                                | COMP                                  |                                                                                                                      |
|                                      |                                                                                                                              | LOW CUT                               | 75 Hz, 12 dB/OCT                                                                                                     |
|                                      |                                                                                                                              | EQ                                    | HIGH: 10 kHz, $\pm$ 15 dB, shelving<br>MID: 100 Hz–8 kHz, $\pm$ 15 dB, peaking<br>LOW: 100 Hz, $\pm$ 15 dB, shelving |
| Send effects                         | 12 segments                                                                                                                  |                                       |                                                                                                                      |
| Recorder                             | 16 types                                                                                                                     |                                       |                                                                                                                      |
| Audio interface                      | Recorder                                                                                                                     | Maximum simultaneous recording tracks | 14 at 44.1/48 kHz<br>12 at 96 kHz                                                                                    |
|                                      |                                                                                                                              | Maximum simultaneous playback tracks  | 12                                                                                                                   |
|                                      |                                                                                                                              | Recording format                      | WAV 44.1/48/96 kHz, 16/24-bit, mono/stereo<br>WAV format                                                             |
|                                      |                                                                                                                              | Recording media                       | 16 MB–2 GB SD cards, 4 GB–32 GB SDHC cards,<br>64 GB–512 GB SDXC cards                                               |
| Card reader                          | Audio interface                                                                                                              | 44.1/48 kHz                           | Recording: 14 channels<br>Playback: 4 channels                                                                       |
|                                      |                                                                                                                              | Bit depth                             | 24-bit                                                                                                               |
|                                      |                                                                                                                              | Interface                             | USB 2.0                                                                                                              |
| USB HOST                             | Class                                                                                                                        |                                       |                                                                                                                      |
| Sampling rate                        | Mass storage                                                                                                                 |                                       |                                                                                                                      |
| Frequency characteristics            | USB 2.0 High Speed                                                                                                           |                                       |                                                                                                                      |
| Equivalent input noise               | USB 2.0 High Speed                                                                                                           |                                       |                                                                                                                      |
| Display                              | 44.1/48/96 kHz                                                                                                               |                                       |                                                                                                                      |
| Power supply                         | Frequency characteristics (44.1 kHz): -1.0 dB: 20 Hz – 20 kHz<br>Frequency characteristics (96 kHz): -3.0 dB: 20 Hz – 40 kHz |                                       |                                                                                                                      |
| Power consumption                    | Actual measurements: -128 dB EIN (IHF-A) with<br>+60 dB/150 $\Omega$ input                                                   |                                       |                                                                                                                      |
| External dimensions                  | LCD with backlight (128 $\times$ 64 resolution)                                                                              |                                       |                                                                                                                      |
| Weight (main unit only)              | AD-19 AC adapter (DC12 V/2 A)                                                                                                |                                       |                                                                                                                      |
|                                      | 17 W maximum                                                                                                                 |                                       |                                                                                                                      |
|                                      | 445 mm (W) $\times$ 282 mm (D) $\times$ 70.5 mm (H)                                                                          |                                       |                                                                                                                      |
|                                      | 2.53 kg                                                                                                                      |                                       |                                                                                                                      |



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