TASCAM

DR-44WL

Linear PCM Recorder

OWNER'S MANUAL	ENGLISH
MODE D'EMPLOI	FRANÇAIS
MANUAL DEL USUARIO	ESPAÑOL
BEDIENUNGSANLEITUNG	DEUTSCH
MANUALE DI ISTRUZIONI	ITALIANO
РУКОВОДСТВО ПОЛЬЗОВАТЕЛЯ	RUSSIAN

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Owner's Manual

IMPORTANT SAFETY INSTRUCTIONS

1 Read these instructions.

2 Keep these instructions.

3 Heed all warnings.

4 Follow all instructions.

5 Do not use this apparatus near water.

6 Clean only with dry cloth.

7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11 Only use attachments/accessories specified by the manufacturer.

12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13 Unplug this apparatus during lightning storms or when unused for long periods of time.

14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- The apparatus draws nominal non-operating power from the AC outlet with its POWER or STANDBY/ON switch not in the ON position.

- The mains plug is used as the disconnect device, the disconnect device shall remain readily operable.

- Caution should be taken when using earphones or headphones with the product because excessive sound pressure (volume) from earphones or headphones can cause hearing loss.

- If you are experiencing problems with this product, contact TEAC for a service referral. Do not use the product until it has been repaired.

WARNING
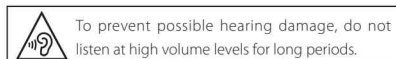
To prevent possible hearing damage, do not listen at high volume levels for long periods.

CAUTION

- Do not expose this apparatus to drips or splashes.

- Do not place any objects filled with liquids, such as vases, on the apparatus.

- Do not install this apparatus in a confined space such as a book case or similar unit.

- The apparatus should be located close enough to the AC outlet so that you can easily grasp the power cord plug at any time.

- If the product uses batteries (including a battery pack or installed batteries), they should not be exposed to sunshine, fire or excessive heat.

- CAUTION for products that use replaceable lithium batteries: there is danger of explosion if a battery is replaced with an incorrect type of battery. Replace only with the same or equivalent type.

CAUTIONS ABOUT BATTERIES

This product uses batteries. Misuse of batteries could cause a leak, rupture or other trouble. Always abide by the following precautions when using batteries.

- Never recharge non-rechargeable batteries. The batteries could rupture or leak, causing fire or injury.

- When installing batteries, pay attention to the polarity indications (plus/minus ($\oplus$/$\ominus$) orientation), and install them correctly in the battery compartment as indicated. Putting them in backward could make the batteries rupture or leak, causing fire, injury or stains around them.

- When you store or dispose batteries, isolate their terminals with insulation tape or something like that to prevent them from contacting other batteries or metallic objects.

- When throwing used batteries away, follow the disposal instructions indicated on the batteries and the local disposal laws.

- Do not use batteries other than those specified. Do not mix and use new and old batteries or different types of batteries together. The batteries could rupture or leak, causing fire, injury or stains around them.

- Do not carry or store batteries together with small metal objects. The batteries could short, causing leak, rupture or other trouble.

- Do not heat or disassemble batteries. Do not put them in fire or water. Batteries could rupture or leak, causing fire, injury or stains around them.

- If the battery fluid leaks, wipe away any fluid on the battery case before inserting new batteries. If the battery fluid gets in an eye, it could cause loss of eyesight. If fluid does enter an eye, wash it out thoroughly with clean water without rubbing the eye and then consult a doctor immediately. If the fluid gets on a person's body or clothing, it could cause skin injuries or burns. If this should happen, wash it off with clean water and then consult a doctor immediately.

- The unit power should be off when you install and replace batteries.

- Remove the batteries if you do not plan to use the unit for a long time. Batteries could rupture or leak, causing fire, injury or stains around them. If the battery fluid leaks, wipe away any fluid on the battery compartment before inserting new batteries.

- Do not disassemble a battery. The acid inside the battery could harm skin or clothing.

■ For European Customers
Disposal of electrical and electronic equipment

(a) All electrical and electronic equipment should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.

(b) By disposing of the electrical and electronic equipment correctly, you will help save valuable resources and prevent any potential negative effects on human health and the environment.

(c) Improper disposal of waste equipment can have serious effects on the environment and human health as a result of the presence of hazardous substances in electrical and electronic equipment.

(d) The crossed out wheeled dust bin symbol indicates that electrical and electronic equipment must be collected and disposed of separately from household waste.

(e) The return and collection systems are available to the end users. For more detailed information about disposal of old electrical and electronic equipment, please contact your city office, waste disposal service or the shop where you purchased the equipment.

Disposal of batteries and/or accumulators

(a) Waste batteries and/or accumulators should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.

(b) By disposing of waste batteries and/or accumulators correctly, you will help save valuable resources and prevent any potential negative effects on human health and the environment.

(c) Improper disposal of waste batteries and/or accumulators can have serious effects on the environment and human health as a result of the presence of hazardous substances in batteries and/or accumulators.

(d) The crossed out wheeled dust bin symbol indicates that batteries and/or accumulators must be collected and disposed of separately from household waste.
If the battery or accumulator contains more than the specified values of lead (Pb), mercury (Hg), and/or cadmium (Cd) defined in the Battery Directive (2006/66/EC), then the chemical symbols for lead (Pb), mercury (Hg) and/or cadmium (Cd) will be indicated beneath the crossed out wheeled dust bin symbol.

Pb, Hg, Cd

(e) The return and collection systems are available to the end users. For more detailed information about disposal of waste batteries and/or accumulators, please contact your city office, waste disposal service or the shop where you purchased them.

Wireless equipment precautions

Compliance of radio transmitter and interference
Model for USA

This device complies with Part.15 of FCC Rules.

Operation is subject to the following two conditions:

1) This device may not cause interference, and

2) This device must accept any interference, including interference that may cause undesired operation.

Labeling of authorization
FCC ID: YOPGS2100MIP

Model for Canada

Compliance of radio transmitter

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Labeling of authorization
IC ID: 9154A-GS2100MIP

Compliance of interference

This ClassB digital apparatus complies with Canadian ICES-003.

Model for EEA (European Economic Area)

Hereby, TEAC Corporation declares that the radio equipment type is in compliance with Directive 2014/53/EU., and the other Directives, and Commission Regulations.

$C \epsilon$

CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CAUTION

Authorization of wireless devices are different in countries or regions. Please use only in the country where you purchased the product.

- Depending on the country, restrictions on the use of Wi-Fi wireless technology might exist.

Confirm the laws and regulations of the country or region where you want to use the unit before use.

Radiation Exposure requirements

This equipment meets the regulation, which is recognized internationally, for the case of human exposure to radio waves generated by the transmitter.

Based on the following two conditions:

- End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.
- This equipment should be installed and operated with minimum distance 20 cm (8") between the radiator and your body.

■ Statement of compliance

Model for USA

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency Exposure Guidelines.

Model for Canada

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment.

EEA (European Economic Area) model

This equipment complies with EN.62311; Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields; the harmonised standard of DIRECTIVE 2014/53/EU.

Information for interference (FCC requirements)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the equipment and/or the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Declaration of Conformity

Model Number :	DR-44WL
Trade Name :	TASCAM
Responsible party :	TEAC AMERICA, INC.
Address :	10410 Pioneer Blvd. Suite #1 and #4, Santa Fe Springs, California 90670, U.S.A.
Telephone number :	1-323-726-0303

This device complies with Part.15 of FCC Rules. Operation is subject to the following two conditions:

1) This device may not cause interference, and
2) This device must accept any interference, including interference that may cause undesired operation.

Contents

Introduction

Thank you very much for purchasing the TASCAM DR-44WL Linear PCM Recorder.

Before connecting and using this unit, please take time to read this manual thoroughly to ensure you understand how to properly set it up and connect it, as well as the operation of its many useful and convenient functions. After you have finished reading this manual, please keep it in a safe place for future reference.

Note about the Reference Manual

This Owner's Manual explains the main functions of this unit. Please see the Reference Manual for information about all the unit's functions.

You can also download this Owner's Manual and the Reference Manual from the TEAC Global Site (http://teac-global.com/).

This product has a Blackfin® 16/32-bit embedded processor made by Analog Devices, Inc. This processor controls digital signal processing.

Inclusion of this Blackfin® processor in the product increases its performance and reduces its power consumption.

Items included with this product

This product includes the following items.

Take care when opening the package to avoid damaging the items. Keep the packing materials for transportation in the future.

Please contact the store where you purchased this unit if any of these items are missing or have been damaged during transportation.

- Main unit...× 1
- AC adapter (GPE053B) ....× 1
- microSD card with adapter (in the unit)............× 1
- USB cable (80 cm) ....× 1
- AA alkaline batteries ....× 4
- Fur windscreen..× 1
- Grip...× 1
- Shoe mount adapter ....× 1
- Soft case ....× 1
- Owner's Manual (this document) including warranty ....× 1

Precautions for placement and use

- The environmental temperature operating range of this unit is 0–40°C (32–104°F).
- Do not install this unit in the following types of locations. Doing so could degrade the sound quality and/or cause malfunctions.

  Places with significant vibrations

  Near windows or other places exposed to direct sunlight

  Near heaters or other extremely hot places

  Extremely cold places

  Places with bad ventilation or high humidity

  Very dusty locations
- If this unit is placed near a power amplifier or other device with a large transformer, it could cause a hum. If this occurs, increase the distance between this unit and the other device.
- This unit could cause color irregularities on a TV screen or noise from a radio if used nearby. If this occurs, use this unit farther away.
- This unit might produce noise if a mobile phone or other wireless device is used nearby to make calls or send or receive signals. If this occurs, increase the distance between this unit and those devices or turn them off.
- To enable good heat dissipation, do not place anything on top of this unit.
- Do not place this unit on top of a power amplifier or other device that generates heat.

Beware of condensation

If the unit is moved from a cold to a warm place, or used after a sudden temperature change, there is a danger of condensation; vapor in the air could condense on the internal mechanism, making correct operation impossible. To prevent this, or if this occurs, let the unit sit for one or two hours at the new room temperature before using it.

Cleaning the unit

Use a dry soft cloth to wipe the unit clean. Do not wipe with chemical cleaning cloths, thinner, alcohol or other chemical agents. Doing so could damage the surface or cause discoloration.

Using the TEAC Global Site

You can download updates for this unit from the TEAC Global Site:http://teac-global.com/In the TASCAM Downloads section, select the desired language to open the Downloads website page for that language.

About TASCAM customer support service

TASCAM products are supported and warrantied only in their country/region of purchase.
To receive support after purchase, on the TASCAM Distributors list page of the TEAC Global Site (http://teac-global.com/), search for the local company or representative for the region where you purchased the product and contact that organization.
When making inquiries, the address (URL) of the shop or web shop where it was purchased and the purchase date are required. Moreover, the warranty card and proof of purchase might also be necessary.

Product registration

Customers in the USA, please visit the following TASCAM website to register your TASCAM product online.
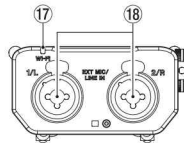
https://tascam.com/us/

## Names and Functions of Parts

Top panel
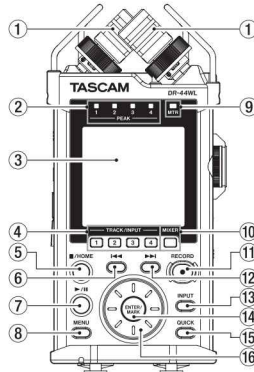
① **Built-in stereo microphone**

② **PEAK indicator**

③ **Display**

④ **TRACK/INPUT button**

⑤ **■/HOME button**

⑥ **◄◄ Fast rewind button**

⑦ **►/II button**

⑧ **MENU button**

⑨ **MTR indicator**

⑩ **MIXER button**

⑪ **RECORD [●] button / RECORD indicator**

⑫ **►►I Fast forward button**

⑬ **INPUT button**

⑭ **ENTER/MARK button**

⑮ **QUICK button**

⑯ **Wheel**

Front panel

⑰ **Wi-Fi indicator**

⑱ **EXT MIC/LINE IN 1/L and 2/R terminals (XLR/TRS)**

Left side panel

⑲ **SD card slot**

⑳ **HOLD/ (¹) / | switch**
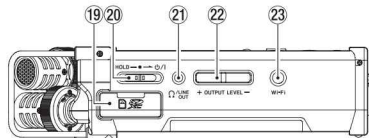
㉑ **Ω/LINE OUT jack**

㉒ **OUTPUT LEVEL button**

㉓ **Wi-Fi button**

Right side panel
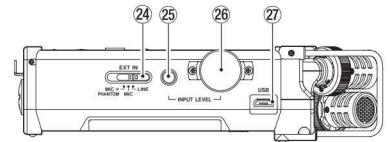
㉔ **EXT IN switch**

㉕ **INPUT LEVEL button**

㉖ **INPUT LEVEL volume**

㉗ **USB port**

Bottom panel
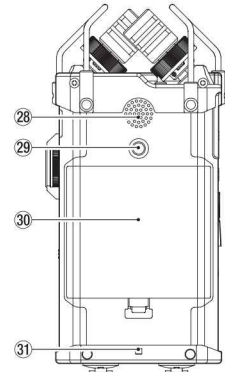
㉘ **Built-in mono speaker**

㉙ **Tripod attachment thread (1/4 inch)**

㉚ **Battery compartment cover**

㉛ **Strap attachment**
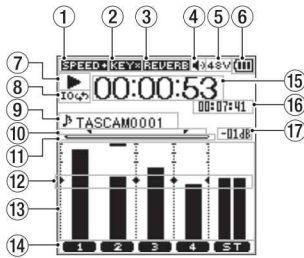
㉜ **Battery compartment**
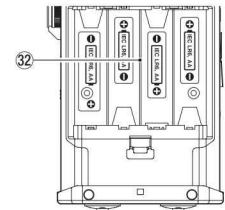
Home Screen

This is the screen that is usually shown when the unit is stopped.
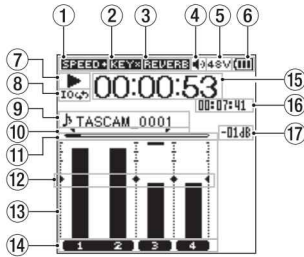
Home Screen in the 4 CH mode

Home Screen in the MTR mode

① Playback speed status display

Icon	Playback speed
Blank	Playback speed not changed
SPEED+	1.1× – 2.0×
SPEED-	0.5× – 0.9×
SPEED×	Playback speed cannot be changed

② Display of the key control function on/off status

Icon	On/off status
Blank	Key control function off
KEY	Key control function on
KEY×	Key control function on (setting disabled)

③ Display of the reverb on/off status

Icon	On/off status
Blank	Reverb off
REVERB	Reverb on (Recording with the effector on)
REVERB	Reverb on (SEND status)

④ Speaker output display
◆) displayed: Speaker output on
◆) not displayed: Speaker output off

⑤ Phantom power supply display
Blank: No phantom power supply
48V : 48 V phantom power supplied
24V : 24 V phantom power supplied

⑥ Power supply status display
When power is supplied from the batteries, the battery icon shows the amount of remaining battery power in bars (▥▥, ▥▯, ▯▯).

When the icon displays no bar, ▯ blinks, and the power subsequently turns off (standby state) due to dead batteries.

When the dedicated AC adapter (GPE053B) supplied with the product or USB bus power is used, ▤ is shown.

⑦ Recorder operation status display
These icons show the recorder operation status.

Indicator	Meaning
■	Stopped
‖	Paused
▶	Playing back
▶▶	Fast-forwarding
◀◀	Fast-rewinding
▶▶▎	Skipping to the head of the next file
▎◀◀	Skipping to the head of the current file or of the preceding file

⑧ Loop playback setting status display
During loop playback, the IO↺ icon is displayed.

⑨ File name/song name display
When the 4CH mode is selected, the name or tag information of the file being played back is shown.

When there are multiple files in the 4CH mode, only the format portion of the file names and the basic number of the recording files are displayed.

When the MTR mode is selected, the name of an opened song is shown.

⑩ Loop playback IN (starting) and OUT (ending) points setting state
Shows the IN (starting) and OUT (ending) points-setting state of loop playback.

When the IN (starting) point is set, the ◥ icon is displayed at the corresponding position on the playback position-displaying bar.

When the OUT (ending) point is set, the ◤ icon is displayed at the corresponding position on the playback position-displaying bar.

⑪ Playback position display
The current playback position is shown by a bar.

⑫ Level meter guide display
This is a level meter guide for adjusting the input and output levels.

It is displayed at the "-12 dB" position on the scale.

⑬ Level meter
Shows the level of sound being input or played back.

⑭ File state display
The file state is displayed in different ways, depending on the type of file to be played back.

◻ 1 2 : Stereo file
◻ 1 ◻ 2 : Mono file ×2
◻ 1 ◻ 2 : No file is present.

⑮ Elapsed time display
Shows the elapsed time (hours : minutes : seconds) of the current file.

⑯ Remaining time display
Shows the remaining time (hours : minutes : seconds) of the current file.

### ⑰ Peak value displayed in decibel (dB)
Shows in decibels the maximum value of the playback level in a certain period of time.

Preparation

Preparing the power supply

Using AA size batteries

1. Remove the battery compartment cover on the bottom panel.

2. Install four AA size batteries with their ⊕ and ⊖ marks as shown in the battery compartment.

3. Attach the battery compartment cover.
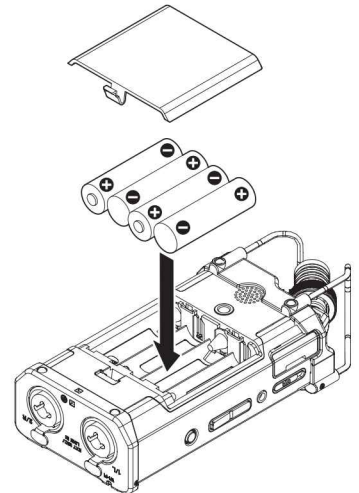
NOTE

Set the type of batteries to use in the BATTERY TYPE item of the POWER/DISPLAY menu in order for the unit to accurately show the amount of remaining power and allow the unit to accurately determine whether enough power is available for its proper operation. (By default, the type is set to ALKAL for alkaline batteries.)

Using an AC adapter

As shown in the illustration, use the included USB cable to connect the included GPE053B AC adapter to the unit's USB port.

AC outlet

Connect included USB cable

GPE053B

Micro B USB plug
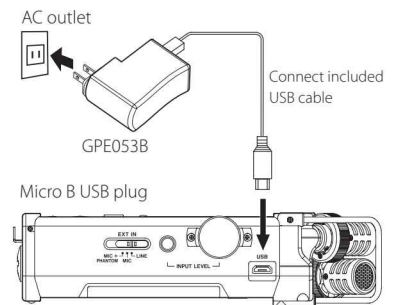
CAUTION

- *Always use the included AC adapter (GPE053B) when using this unit. Use of a different adaptor could cause malfunction, fire or electric shock.*

- *Noise may occur when recording with a microphone if the unit is too close to the AC adaptor. In such a case, keep sufficient distance between the AC adaptor and the unit.*

NOTE

- *When both batteries are installed and the AC adaptor is connected, power will be supplied from the AC adaptor.*
- *The AC adapter for the unit includes two types of outlet plugs. Attach the type of plug that matches the power outlet that you are using.*

Changing the outlet plug
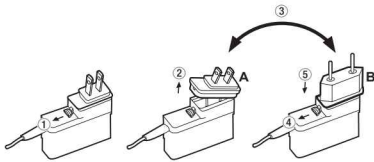
① Move the latch on the AC adapter in the direction of the arrow.

② Pull off the outlet plug.

③ Replace it with the other outlet plug (A or B).

④ Move the latch on the AC adapter in the direction of the arrow again.

⑤ Attach the outlet plug to the AC adapter.

CAUTION

Do not use the adapter if there is anything abnormal about the plug after changing it. Use when the plug is abnormal could cause fire or electric shock. Contact the store where you purchased this unit or a TASCAM customer support service to request repair.

Starting up the unit

When the unit is turned off (standby state), slide the **HOLD**/⏻ / | switch in the ⏻ / | direction and, when TASCAM DR-44WL (start-up screen) is displayed, release the switch.

The Home Screen appears when the unit starts up.

Selecting the language

You can change the language shown on the display. The first time you turn the unit on after purchasing it, the LANGUAGE screen will open. You can set the language used on this screen. You can also change this setting with the SYSTEM screen LANGUAGE item.

1. Turn the wheel to move the cursor and select the language.

2. After making the selection, press the **ENTER/MARK** button to confirm it.

If you accidentally select the wrong language

Slide the **HOLD**/⏻ / | switch to turn the power off. Then, slide the **HOLD**/⏻ / | switch while pressing and holding the **MENU** button to turn the unit on again.

The language selection menu where you can set the language appears.

Setting the built-in clock

When the unit is started up for the first time (or after being left without batteries), the DATE/TIME screen appears before the start-up screen to allow the date and time to be set.
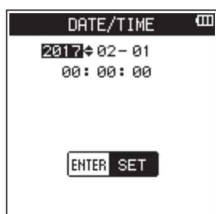
Use the ⏮ / ⏭ button and the wheel to enter the date and time, and press the **ENTER/MARK** button to set them.

Shutting down

While the unit is turned on, slide the **HOLD**/⏻ / | switch of the left side panel in the ⏻ / | direction and, when TASCAM DR-44WL shutting down appears, release the switch.

The power turns off in a few seconds.

Connecting monitoring devices and headphones

To listen with headphones, connect them to the Ω/ **LINE OUT** jack.

To listen with an external monitoring system (powered monitor speakers or an amplifier and speakers), connect it to the Ω/**LINE OUT** jack.

Headphones   Powered monitor speakers
                          or
             an amplifier and speakers
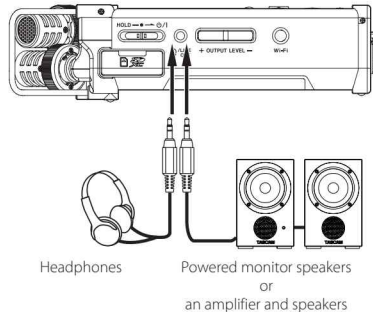
Basic menu operation procedures

1. Press the **MENU** button to open the MENU screen.
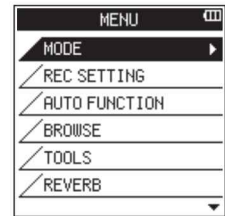
2. Use the wheel to select (highlight) one of the menu items, and then press the **ENTER/MARK** button to go to the desired setting screen.

3. Use the wheel to select (highlight) an item to set.

4. Press the **ENTER/MARK** button or ⏭ button to move the cursor to the right and highlight the setting value.

5. Use the wheel to change the setting.

6. When setting a different item in the same menu, press the **ENTER/MARK** button or ⏮ to move the cursor to the left.

7. Repeat Steps 3. to 6. as necessary to set other items.

8. When finished, press the ■/**HOME** button to return to the Home Screen.

Menu structure

MENU

|	
MODE	Select recording or playback mode
REC SETTING	Set for recording
AUTO FUNCTION	Convenient functions for recorded files
BROWSE (only when the 4CH mode is selected) SONG (only when the MTR mode is selected)	Operate files and folders in the SD card
TOOLS	Set other convenient functions
REVERB	Set reverb effects
POWER/DISPLAY	Set the power supply and the display
SYSTEM	System settings of the unit

Recording

Recording Screen

The screen below is shown when the unit is in the recording standby state or while recording is in progress.
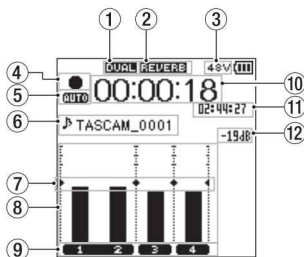
Recording screen in the 4 CH mode
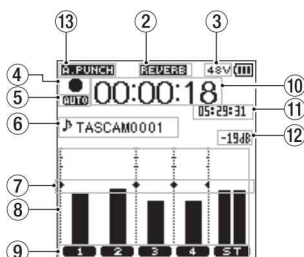
Recording screen in the MTR mode

① **Display of the DUAL REC function on/off status (4CH mode only)**
No display: DUAL REC function off
DUAL: DUAL REC function on

② **Display of reverb on/off status**

Icon	On/off status
Blank	Reverb off
REVERB	Reverb on (Recording with the effector on)
REVERB	Reverb on (SEND status)

③ **Phantom power supply display**
Blank: No phantom power supply
48V: 48 V phantom power supplied
24V: 24 V phantom power supplied

④ **Recorder operation status display**
These icons show the recorder operation status.

Indicator	Meaning
● II	Recording in standby or recording paused
●	Recording in progress

⑤ **Display of the setting status of the PRE REC or AUTO REC function (4CH mode only)**
When the PRE REC function is **ON**, the **PRE** icon shown.
When the AUTO REC function is **ON**, the **AUTO** icon is shown.

⑥ **File name/song name display**
The file name that will automatically be given to a recorded file is shown.
When there are multiple files in the 4CH mode, only the format portion of the file names and the basic number of the recording files are displayed. When a single file is recorded, its name is shown.
When the MTR mode is selected, the name of an opened song is shown.

⑦ **Level meter guide display**
This is a level meter guide for adjusting the input and output levels.
It is displayed at the "−12 dB" position on the scale.

⑧ **Level meter**
These show the levels of the input or playback audio.

⑨ **File status display**
The file state is displayed in different ways, depending on the type of file to be played back.

1 2: Stereo file
1 2: Mono file ×2

⑩ **Elapsed recording time**
The elapsed recording time of a recorded file is shown as hours : minutes : seconds.

⑪ **Remaining recording time**
The remaining recording time until the selected maximum file size is reached is shown (hours : minutes : seconds). If the remaining recording time on the SD card is less, that will be displayed instead.

⑫ **Peak value in decibels (dB)**
The peak value of the input level is shown in decibels.

⑬ **Auto punch in/out function on/off status or master track loading status (MTR mode only)**
No icon: auto punch in/out function off
A.PUNCH: auto punch in/out function on
MASTER: master track loaded

Adjusting the input level

1. Press the **INPUT LEVEL** button on the right side panel to show the **INPUT LEVEL** setting screen on the display as a pop-up.
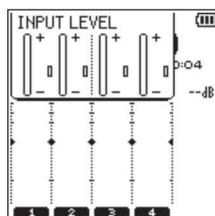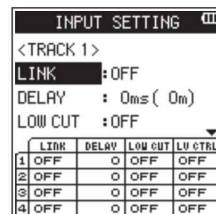
2. Press the **TRACK/INPUT** button to select a channel to adjust the input level for.

3. Use the **INPUT LEVEL** volume of the right side panel to adjust the input level.
   When the input sound is too loud, the **PEAK** indicator of the top panel is lit in red.
   A ▶ ◀ mark is visible at the "−12 dB" position on the level meter.
   Set the input level so that the level changes near this mark without causing the **PEAK** indicator to light in red.

4. When finished, press the ■/**HOME** button to return to the Home Screen.

Set the low-cut filter

Set the low-cut filter if you want to cut noise and other sounds at low frequencies. This function can be used to reduce air-conditioning noise, unpleasant wind noise, etc.

1. Press the **INPUT** button to show the **INPUT SETTING** screen on the display.

2. Press the **TRACK/INPUT** button to select a channel to set the low-cut filter for.

3. Use the **wheel** to select (highlight) **LOW CUT**, and then press the **ENTER/MARK** button or ▶▶I button to display setting items as a pop-up.

4. Use the **wheel** to set the cut-off frequency of the low-cut filter for microphone input.
   Setting values: **OFF**, **40Hz**, **80Hz**, **120Hz**, **220Hz**

5. When you press the **ENTER/MARK** or I◀◀ button, the pop-up disappears and the function is enabled.

As the number (frequency) becomes larger, low frequencies across a wider band can be cut.

Using the level control function

You can set the level control function for recording through a microphone.

1. Press the **INPUT** button to show the **INPUT SETTING** screen on the display.

2. Press the **TRACK/INPUT** button to select a channel to set the level control function for.

3. Use the **wheel** to select (highlight) **LEVEL CTRL**, and then press the **ENTER/MARK** or ▶▶I button to display setting items as a pop-up.

4. When you use the **wheel** to select (highlight) the desired function and then press the **ENTER/MARK** or I◀◀ button, the pop-up disappears and the function is enabled.

PEAK

This function is used to automatically lower the recording level to a more appropriate one when an input sound is too loud. You can raise the recording level manually. This function is useful for recording music with volume changes that affect the sound negatively. Even if this function is turned off after it has been set, the set level is retained.

LIMITER

This function prevents distortion due to sudden and excessive input. This is useful when you do not want to change the recording level.

In this mode, you can change the recording level manually even during recording.

Record

This recorder can record sounds in two modes: 4CH and MTR modes.

In the 4CH mode, up to four tracks can be recorded simultaneously from the built-in microphones and the external input terminal.

In the MTR mode, sounds can be recorded over an already recorded file in addition to recording of up to four tracks.

1. Press the **RECORD** [●] button to enter recording standby.

   You can check recorded file names shown on the display before you start recording.

2. Press the **TRACK/INPUT** button to select a channel for recording.

3. Press the **RECORD** [●] button.

   Normal recording starts.

4. Press the ■/**HOME** button to finish recording.

   To pause the recording, press the **RECORD** [●] button. When you press the **RECORD** [●] button again or press the ►/‖ button, recording in the same file resumes.

   When you press the ■/**HOME** button after pausing the recording, an audio file of the sound recorded up to pausing is created.

About the recording standby state

This unit has a recording standby state like that of a recorder for professional use. In this standby state, you can perform operations such as configuring input level settings and then start recording quickly.

In the recording standby state, the **RECORD** indicator blinks and the recording screen is shown.

Recording menu structure

You can configure various settings using the REC SETTING item on the MENU screen.

REC SETTING
├─ FORMAT	Set the file format	
	BWF: 16/24 bit WAV: 16/24 bit, MP3: 32 - 320 kbps	
├─ SAMPLE	Set the sampling frequency	
	44.1 kHz, 48 kHz, 96 kHz (96 kHz for BWF/WAV only)	
├─ PRE REC	Set the pre-recording function	
	OFF, ON	
├─ SELF TIMER	Set the self timer	
	OFF, 5 SEC, 10 SEC	
├─ DUAL REC	Set the DUAL REC function	
	MODE, DUAL FORMAT	
└─ MS MIC	Set the MS microphone function	
	MS DECODE, SOURCE	

Playback

Playing back recordings

While the Home Screen is open and playback is stopped, press the ►/‖ button to start playback.

Pausing

While the Home Screen is open and a track is playing back, press the ►/‖ button to pause playback at the current position.

Stopping

When you press the ■/**HOME** button while the Home Screen is open and a track is playing back, playback is paused.

If you press the ■/**HOME** button again, playback will be stopped at the head of the file.

Fast-rewinding and fast-forwarding (search)

During playback when the Home Screen is open, press and hold the ◄◄/►► button to search backward/forward.

Moving the playback position

You can move the playback position by turning the **wheel** while the Home Screen is open and a track is stopped or playing back.

After moving the playback position, the unit pauses.

Selecting the playback file (skipping)

While the Home Screen is open, press the ◄◄ or ►► button to select the file that you want to play back.

If you press the ◄◄ button at the beginning of a file playback will skip to the beginning of the previous file.

If you press the ►► button at the beginning of or in the middle of a file playback will skip to the next file.

Adjusting the playback volume

The volume of sound output through the ∩/**LINE OUT** jack can be adjusted by use of the **OUTPUT LEVEL** (+/−) button while the Home Screen is open.

Connecting with a Computer

You can transfer audio files on the SD card in the unit to a computer and also transfer audio files from a computer to the unit.

Connecting the unit to a computer by USB

1. Use the included USB cable to connect the unit to a computer. If the power is off, turn it on.

2. On the USB SELECT screen, select STORAGE and press the **ENTER/MARK** button to connect this unit to the computer. USB connected will appear on the display.

3. When you open Computer in Windows, this unit shows on the computer screen as an external drive named "DR-44WL".

Exchanging files with a computer

Click the "DR-44WL" drive on the computer to show the "MTR", "MUSIC" and "UTILITY" folders.

To transfer files to the computer, open the "MTR" or "MUSIC" folder and drag and drop the desired files where you want them to go.

To transfer files from the computer, drag and drop the desired audio files on the computer to the "MUSIC" folder.

Disconnecting the unit from a computer

Before disconnecting the USB cable, follow the proper procedures for the computer to unmount this unit.

The power turns off after the unit completes its shutdown process.

See the computer's operation manual for instructions about how to unmount an external device.

Settings and Information Display

Turning the built-in speaker off

Set the items MENU → TOOLS → SPEAKER to OFF.

System settings

Use the SYSTEM menu to customize settings for using the unit. You can also perform operations such as initializing settings and formatting SD cards.

1. Select MENU → SYSTEM and press the **ENTER/MARK** button.

2. Configure necessary settings for each function.

Connecting the unit to a smartphone via Wi-Fi

You can operate this unit by remote control with a free dedicated application (DR CONTROL). In addition to transport control operations such as playback and stop, you can also adjust the input, transfer recorded files and more via Wi-Fi.

How to obtain and install the dedicated application (DR CONTROL)

1. Connect your smartphone to the Internet.
2. If your smartphone is an Android device, download and install the dedicated application (DR CONTROL) from Google Play. If it is an iOS device, download and install from the App Store.

Selecting the Wi-Fi mode

You can choose from two connection modes according to the use conditions.

■ TO DEVICE mode

This unit operates as an access point, and computers, smartphones and other external devices can connect to it by Wi-Fi.

■ VIA ROUTER mode

This unit can connect to computers, smartphones and other external devices by Wi-Fi through an existing Wi-Fi router. This allows more flexibility. This also enables simultaneous connection to the Internet, allowing easier file sharing and location information checking, for example.
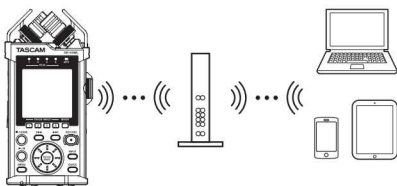
Connecting the unit directly to external devices (smartphones, tablets and computers) by Wi-Fi (TO DEVICE mode)

The DR-44WL can make a Wi-Fi/peer-to-peer connection with a smart phone via Wi-Fi, without the use of a router or other external devices. No Wi-Fi network environment is required. It can make direct connection with your smart phone or tablet.

NOTE

During Wi-Fi/peer-to-peer connection, the smart phone or tablet cannot connect to an external Wi-Fi network.

■ Setting the Wi-Fi mode to TO DEVICE

1. Press the **MENU** button to open the MENU screen.
2. Using the **wheel**, select (highlight) TOOLS and press the **ENTER/MARK** or ►►I button.

    TOOLS screen appears.
3. Use the **wheel** to select Wi-Fi and press the **ENTER/MARK** button.

    Exec appears selected for the Wi-Fi item.
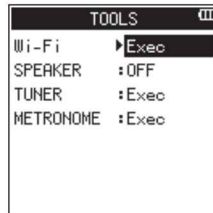
4. Press the **ENTER/MARK** button to open the Wi-Fi screen.
5. Use the **wheel** to select MODE and press the **ENTER/MARK** button.
6. Use the **wheel** to set the Wi-Fi mode to TO DEVICE, and press the **ENTER/MARK** button to confirm it.

    Options: TO DEVICE (default value), VIA ROUTER

■ Connecting the DR-44WL to a smart phone or tablet via Wi-Fi for the first time

1. Press the **Wi-Fi** button of the DR-44WL; the **Wi-Fi** indicator will start to flash.

    A CONNECT TO THE NEW DEVICE ? pop-up message appears on the display to determine whether or not the connection is new.
2. You will be making a connection to a new smartphone, so press the **ENTER/MARK** button.
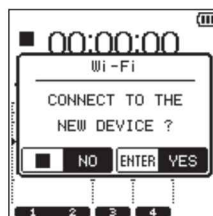
3. SSID and PASSWORD appear on the display.

NOTE

The SSID is the name of the wireless LAN access point (wireless LAN device).

4. Select "**Settings**" ➔ "**Wi-Fi**" on the device.
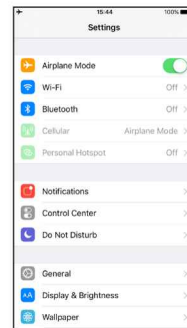
iOS device example   Android device example

5. When Wi-Fi is enabled on for your device, it will display the SSID list of Wi-Fi equipment. Select the SSID displayed on the DR-44WL.
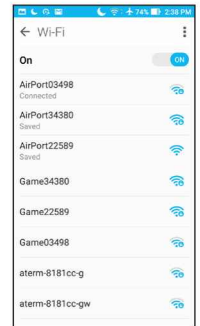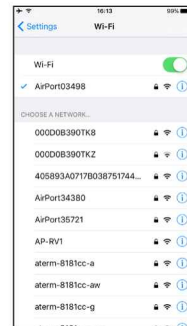
iOS device example   Android device example

6. A password input screen appears on the device. Enter the password shown on the display of the unit.
7. Wi-Fi connection is established between the DR-44WL and your smart phone, and the **Wi-Fi** indicator of the unit will light.

NOTE

The above description on operating the device are for reference only. Please refer to your smart phone's operation manual for more details.

■ Connecting the DR-44WL to a smart phone or tablet via Wi-Fi (from second time onward)

When you establish a connection between the DR-44WL and your smart phone for the first time and need to connect them again, you only need to select the SSID from the second time onward.

1. Press the **Wi-Fi** button of the DR-44WL; the **Wi-Fi** indicator will start to flash.

   A CONNECT TO THE NEW DEVICE ? pop-up message appears on the display to determine whether or not the connection is new.

2. Your smart phone already made a peer-to-peer connection; simply press the ■/**HOME** button.

3. Pop-up message on the display disappears and the DR-44WL switches to a standby mode to connect to your smart phone.

4. In your device, select "**Settings**" → "**Wi-Fi**".

5. When Wi-Fi is enabled on for your device, it will display the SSID list of Wi-Fi equipment. Select the SSID displayed on the DR-44WL.

6. Wi-Fi connection is established between the DR-44WL and your smart phone, and the **Wi-Fi** indicator of the unit will light.
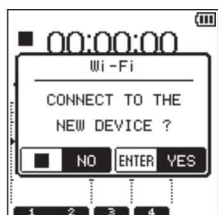
> **NOTE**
>
> *The above description on operating the device are for reference only. Please refer to your smart phone's operation manual for more details.*

Connecting the unit to external devices (smartphones, tablets and computers) by Wi-Fi (VIA ROUTER mode)

■ Setting the Wi-Fi mode to VIA ROUTER

1. Press the **MENU** button to open the MENU screen.

2. Using the **wheel**, select (highlight) TOOLS and press the **ENTER/MARK** or ►►I button.

   TOOLS screen appears.

3. Use the **wheel** to select Wi-Fi and press the **ENTER/MARK** button.

   Exec appears selected for the Wi-Fi item.
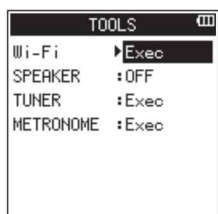
4. Press the **ENTER/MARK** button to open the Wi-Fi screen.

5. Use the **wheel** to select MODE and press the **ENTER/MARK** button.

6. Use the **wheel** to set the Wi-Fi mode to VIA ROUTER, and press the **ENTER/MARK** button to confirm it.

Options: TO DEVICE (default value), VIA ROUTER

■ Connecting the unit to an external router

1. When the Wi-Fi screen is open, use the **wheel** to select the LIST item, and press the **ENTER/MARK** or ►►I button.

   Exec appears selected for the LIST item.

2. Press the **ENTER/MARK** button to open the SSID LIST screen.

3. From the list shown on the SSID LIST screen, use the **wheel** to select the router you want to connect, and press the **ENTER/MARK** button to set it.

4. The selected SSID will be shown for the SSID item.

> **NOTE**
>
> *The SSID can also be input directly using the Wi-Fi screen SSID item.*
>
> *To do this, at the SSID item, use the I◄◄ and ►►I buttons to move the cursor, and use the wheel to set the characters.*
>
> *Press the ENTER/MARK button to confirm the SSID.*

5. When the Wi-Fi screen is open, use the **wheel** to select the PASSWD item, and press the **ENTER/MARK** or ►►I button.

6. At the PASSWD item, use the I◄◄ and ►►I buttons to move the cursor, and use the **wheel** to set the router password (encryption key).

Press the **ENTER/MARK** button to confirm the router password (encryption key).

- The following message appears when connection with the router has succeeded. The **Wi-Fi** indicator on the unit lights.

- The following message appears if connection with the router fails. Input the correct password.

> **NOTE**
>
> - *In many cases, the router password (encryption key) is on a label on the router itself or in its operation manual, for example.*
> - *After connection with a router has succeeded once, reconnection will be possible by just pressing the Wi-Fi button on this unit. Passwords for the two most recent connections are stored in this unit.*

■ Connecting a smartphone or other device to an external router

1. Select "**Settings**" → "**Wi-Fi**" on the device.

iOS device example   Android device example

2. When the device Wi-Fi is turned on, a Wi-Fi device SSID list will appear. Select the SSID of the external router to use.
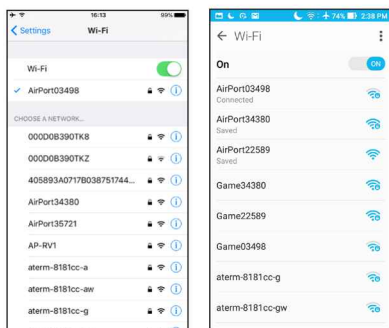
iOS device example   Android device example

3. Input the password for that external router.

A Wi-Fi connection between the smartphone and the external router will be established.

Remote control of the unit from a smartphone

Since the dedicated application (DR CONTROL) has the same display screen as that of the unit, you can operate the unit by remote control with the application almost the same way as operating from the unit. Before using the "DR CONTROL" application, confirm how to operate the unit. That way, you will be able to use the application smoothly.

1. After completing the Wi-Fi connection, launch the DR CONTROL app (installed beforehand) on the smartphone or other device.

NOTE

Always use the latest version of DR CONTROL.

2. A screen like the following will appear when the app launches, and remote operation of the device will be enabled.
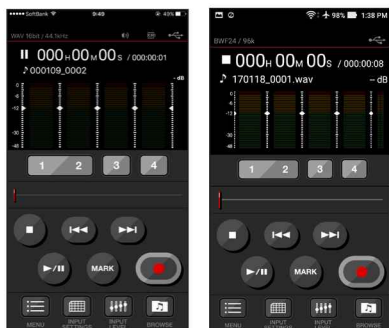
iOS device example   Android device example

For a detailed explanation of the "DR CONTROL" application, see the "DR CONTROL Reference Manual", which can be downloaded from the TEAC Global Site (http://teac-global.com/).

Transferring files from the unit to a computer

File transfer with a computer is possible using the free TASCAM DR FILE TRANSFER software designed for this purpose. For details about the software download the TASCAM DR FILE TRANSFER Owners Manual from the TEAC Global Site (http://teac-global.com/).

Quick Reference for Using Various Functions

- Button names are shown as follows: **MENU**.
- Instructions are abbreviated. For example, 'On the Home Screen, press the **MENU** button, select the `REC SETTING` menu, and then select the `PRE REC` item' becomes: 'Home Screen → **MENU** → `REC SETTING` → `PRE REC`'
- Not all operation steps are given for complex operations. For detailed operation procedures, see the Reference Manual.

Category	Desired action	Function name	Procedure, buttons used and explanation
Basic functions	Return to the Home Screen		**■/HOME** Return to the Home Screen if you become unsure about how to proceed.
	Record		Home Screen → **RECORD** → **RECORD** Recording will start with the current settings used.
	Play back a file		Home Screen → **►/II** Plays the file shown (selected).
	Adjust the playback volume		**OUTPUT LEVEL (+/−)** button Adjusts the volume of headphones, speakers, etc.
	Select a file to play back		Home Screen → **I◄◄ /►►I** The browse function is convenient for when there are many files.
Recording	Change the file format		Home Screen → **MENU** → `REC SETTING` → `FILE FORMAT` Specify a file format used for recording from the BWF format, WAV format, etc.
	Set the low-cut filter	Low-cut filter function	Home Screen → **INPUT** → `INPUT SETTING` → `LOW CUT` This function removes noise and other sounds at low frequencies. Select the cutoff frequency.
	Adjust the input level manually		Home screen → **INPUT LEVEL** button → **TRACK/INPUT** button → **INPUT LEVEL** volume Adjust the recording level by using the level meter guide display.
	Adjust the input level automatically	Level control function	Home Screen → **INPUT** → `INPUT SETTING` → `LEVEL CTRL` This function compresses only loud sounds to prevent recording over the maximum input level without changing the recording level.
	Simultaneously record two files at different input levels	DUAL REC function	Home Screen → **MENU** → `REC SETTING` → `DUAL REC` Configure the settings for the DUAL REC function.
	Use MS microphone		Home Screen → **MENU** → `REC SETTING` → `MS MIC` Configure the settings for the MS microphone before using it.
Other recording features	Attach a mark while recording	Marking function	Recording screen → **ENTER/MARK** This function attaches a mark to a file that can be used as an index during playback.
	Switch files manually while recording	Manual track incrementation	Recording screen → **►►I** Use this function when you want to change a file to another and continue recording such as at the interval between songs.
	Configure the settings for automatic file change	Automatic track incrementation	Home Screen → **MENU** → `AUTO FUNCTION` → `TRACK INCREMENT` This function automatically changes a file to a different one at the set size.
	Start recording from slightly before pressing **RECORD**	PRE REC function	Home Screen → **MENU** → `REC SETTING` → `PRE REC` When the unit is slow to change from recording standby to recording state, this function allows the unit to compensate the delay.
File operation (only in the 4CH mode)	Check file information		Home Screen → **MENU** → `BROWSE` → **Wheel** → **QUICK** → `INFORMATION` Use this function to check the date of recording, file size, etc.
	Delete a file		Home Screen → **MENU** → `BROWSE` → **Wheel** → **QUICK** → `FILE DELETE` You can delete files that you do not need.
	Delete a file		Home Screen → **QUICK** → `DELETE` You can delete files that you do not need.
	Delete all files in a folder at the same time		Home Screen → **MENU** → `BROWSE` → **Wheel** → **QUICK** → `ALL DELETE` You can delete all the files in a folder at the same time.
	Divide a file	Dividing function	Home Screen → **QUICK** → `DIVIDE` Use this function to divide one file into two files.
Unit settings	Set the date and time		Home Screen → **MENU** → `SYSTEM` → `DATE/TIME` Use this function to set the internal clock, which is used for purposes such as adding the recording date written to files.
	Check information about the unit and the card		Home Screen → **MENU** → `SYSTEM` → `INFORMATION` Checks information such as the unit firmware version and the amount of remaining space on the card.
	Change the automatic power saving function setting for power supply	Automatic power saving function	Home Screen → **MENU** → `POWER/DISPLAY` → `AUTO PWR SAVE` This function automatically turns the unit off when it is not in use.
	Change the backlight setting		Home Screen → **MENU** → `POWER/DISPLAY` → `BACKLIGHT` Changes the display backlight setting.
	Adjust the display contrast		Home Screen → **MENU** → `POWER/DISPLAY` → `CONTRAST` Sets the gradation of shading shown on the display.
	Set the battery type		Home Screen → **MENU** → `POWER/DISPLAY` → `BATTERY TYPE` Selects the type of battery being used. This setting affects the accuracy of the remaining battery power display.
	Set the voltage value of the phantom power supply		Home Screen → **MENU** → `POWER/DISPLAY` → `PHANTOM VOLT`
	Restore the unit to its default settings	Initializing function	Home Screen → **MENU** → `SYSTEM` → `INITIALIZE` Restores all settings to their factory defaults.
	Completely format a SD card	formatting function	Home Screen → **MENU** → `SYSTEM` → `MEDIA FORMAT` Formats cards.
	Set the file name format		Home Screen → **MENU** → `SYSTEM` → `FILE NAME` You can change the characters used in the automatically assigned file names.

Messages

The following is a list of pop-up messages.

Refer to this list if one of these pop-up messages appears and you want to check the meaning or determine the method of dealing with the problem.

Message	Meaning and method of dealing with a problem
Battery Empty	The batteries are almost out of power. Replace the batteries.
Can't Divide	The selected division point used when DIVIDE was performed is not appropriate. (It is too close to the beginning or end of the file.)
Card Error	The SD card cannot be recognized properly. Change the card.
Card Full	The SD card has no remaining capacity. Delete unnecessary files or move them to a computer to make open space.
Current File MP3	MP3 files cannot be divided.
Dup File Name	A file with the same name as that of a file created by DIVIDE exists in the same folder. The DIVIDE function adds "a" or "b" to the end of the file name. Before using the DIVIDE function, connect the unit to a computer and edit the file name.
File Full	The total number of folders and files exceeded 5000. Delete unnecessary folders and files or move them to a computer.
File Name ERR	DIVIDE caused the number of characters of a file name to exceed 200. The DIVIDE function adds "a" or "b" to the end of the file name. Before using the DIVIDE function, connect the unit to a computer and edit the file name to less than 198 characters.
File Not Found	The file cannot be found or the file may be damaged. Check the relevant file.
File Not Found Make Sys File	The system file is missing. This unit requires a system file for operation. While this message is shown, press the **ENTER/MARK** button to create a system file.
File Protected	The file is read only and cannot be deleted.
Format Error Format CARD	The SD card may not formatted properly or it may be broken. This message also appears if the card was formatted by use of a computer connected via USB or if an unformatted card is inserted in the unit. Always use the DR-44WL to format cards to be used with it. Change the SD card or press the **ENTER/MARK** button while this message is being shown to format the card. Formatting will erase all the data on the SD card.
Invalid Card Change Card	Something might be wrong with the SD card. Change the SD card.
Invalid SysFile Make Sys File	The system file required to operate this unit is invalid. While this message is shown, press the **ENTER/MARK** button to create a new system file.
I/O Too Short	The IN (starting) point and OUT (ending) point are too close. Set them with at least 1 second between them.
Max File Size	The file is larger than the designated size, or the recording time has exceeded 24 hours when the total number of folders and files was already at the limit (5000).
MBR Error Init CARD	The SD card may not formatted properly or it may be broken. Change the SD card or press the **ENTER/MARK** button while this message is being shown to format the card. Formatting will erase all the data on the SD card.
No Card	A SD card is not set. Insert a recordable SD card.
Non-Supported	The file format is not supported. See "Connecting the Unit to a Computer" in the Reference Manual for file formats that this unit can use.
Write Timeout	Writing to the SD card timed out. Back up files on the SD card to a computer and format the card.

If any other errors occur, turn the unit off and restart it.

If the error message continues to appear frequently, please contact the store where you purchased this unit or a TASCAM customer support service.

Troubleshooting

If you are having trouble with the operation of this unit, please try the following before seeking repair.

If these measures do not solve the problem, please contact the store where you purchased this unit or TASCAM customer support service.

The unit does not turn on.

- Confirm that the batteries are not dead.
- Confirm that the batteries are installed in the correct ⊕ and ⊖ orientation.
- Confirm that the AC adapter (GPE053B) supplied with the unit securely connected to both the outlet and the USB connector of the unit.
- When using USB bus power, confirm that the USB cable is securely connected.
- When using USB bus power, confirm that the USB cable is not connected via a USB hub.

The unit turns off automatically.

- Confirm that the automatic power saving function is not turned on. (→ "Setting the automatic power saving function" in "Settings and Information Display" of the Reference Manual)

  - Since this unit complies with the European Standby Power Regulations (ErP), the automatic power saving function operates regardless of whether the unit is being powered by an AC adapter or batteries. If you do not want to use the automatic power saving function, set it to "OFF". (The factory default setting is "30 min".)

The unit does not function.

- Confirm that the **HOLD** / ⏻ / **|** switch is not set to **HOLD**.
- Confirm that the unit is not connected to a computer by a USB cable. ("USB connected" is shown on the display.)

The SD card is not recognized.

- Confirm that the SD card is inserted completely.

The unit will not play back.

- If you are trying to play back a WAV file, confirm that the sampling frequency is supported by this unit.
- If you are trying to play an MP3 file, confirm that the bit rate is supported by this unit.

No sound is output from the speaker.

- Confirm that headphones are not connected.
- Confirm that SPEAKER is not set to OFF.
- Check the connection to the monitoring system.
- Confirm that the volume of the monitoring system is not minimized.
- Confirm that the output level setting of the unit is not minimized.

No sound is output.

- Check the connection to the monitoring system.
- Confirm that the volume of the monitoring system is not minimized.
- Confirm that the output level setting of the unit is not minimized.

The unit will not record.

- If you are using an external device, check the connection again.
- Check the input settings again.
- Confirm that the input level is not too low.
- Confirm that the SD card is not full.
- Confirm that the number of files has not reached the maximum that the unit can handle.

The input level is low.

- Confirm that the input level setting is not too low.
- Confirm that the output level of any connected device is not too low.

Sound recorded is distorted.

- Confirm that the input level setting is not too high.
- Confirm that the reverb function is off.

The playback sound sounds unnatural.

- Confirm that the playback speed has not been changed.
- Confirm that the playback equalizer is off.
- Confirm the level alignment function is disabled.
- Confirm that the reverb function is off.

Files cannot be deleted.

- Confirm that you are not trying to delete a file that has been copied from a computer after being write-protected.

This unit's files do not appear on the computer.

- Confirm that the unit is connected to the computer via its USB port.
- Confirm that a USB hub is not being used.
- Confirm that the unit is not recording or in the recording standby state.

The unit cannot be connected to a smartphone or communications between them stops.

- Confirm that the Wi-Fi device is turned on and Wi-Fi is on.
- Confirm that the distance between the Wi-Fi device and the unit is not too large.
  Also confirm that there are no walls or obstacles between them.
  When a Wi-Fi device is to the rear side of this unit, the unit itself may interrupt communications.
  Change the positions of the Wi-Fi device and the unit.
- Turn the unit off, and then turn it on again.
- Delete the registration of "DR-44WL" of the Wi-Fi device and follow the steps in "Connecting the unit to a smartphone via Wi-Fi".

The wrong language was set accidentally.

- Slide the **HOLD/ ⏻ / |** switch to turn the power off. Then, slide the **HOLD/ ⏻ / |** switch while pressing and holding the **MENU** button to turn the unit on again.
  The language selection menu will appear, and you will be able to select the language.

Specifications

Ratings

Recording media

SD card (64 MB - 2 GB), SDHC card (4 GB - 32 GB), SDXC card (48 GB - 128 GB)

Recording/playback formats

BWF: 44.1/48/96 kHz, 16/24 bit
WAV: 44.1/48/96 kHz, 16/24 bit
MP3: 44.1/48 kHz, 32/64/96/128/192/256/320 kbps

Number of channels

4 channels

- 4CH mode   mono: Up to 4 files
  Stereo: Up to 2 files
  Stereo (1 file) + mono (up to 2 files)
- MTR mode   mono: Up to 4 files

Inputs and outputs

EXT MIC/LINE IN jack (can provide phantom power supply)

Connector: XLR-3-31, φ6.3 mm (1/4") TRS standard jack

⌂ /LINE OUT jack

Connector: φ3.5 mm (1/8") stereo mini jack

Built-in speaker

0.3 W (mono)

USB port

Connector: Micro-B type
Format: USB 2.0 HIGH SPEED mass storage class

Audio performance

Frequency response

20-20 kHz +1/−3 dB (EXT IN to LINE OUT, 44.1 kHz sampling frequency, JEITA)
20-22 kHz +1/−3 dB (EXT IN to LINE OUT, 48 kHz sampling frequency, JEITA)
20-40 kHz +1/−3 dB (EXT IN to LINE OUT, 96 kHz sampling frequency, JEITA)

Distortion

0.05% or less (EXT IN to LINE OUT, 44.1/48/96 kHz sampling frequency, JEITA)

S/N ratio

92 dB or higher (EXT IN to LINE OUT, 44.1/48/96 kHz sampling frequency, JEITA)

Note: JEITA indicates compliance with JEITA CP-2150

Recording times

File format (setting when recording)		SDHC card capacity
		4 GB
WAV/BWF 16 bit (STEREO)	44.1 kHz	6 hours 17 minutes
WAV/BWF 24 bit (STEREO)	96 kHz	1 hours 55 minutes

- The recording times shown above are theoretical values. Times may differ depending on the SD, SDHC, and SDXC cards in use.
- The recording times shown above are not continuous recording times, but rather they are the total possible recording times for the SD, SDHC, and SDXC cards.
- If recording in mono in the WAV format, the maximum recording time will be double the figures above.
- If DUAL REC recording in the WAV/BWF format or 4-channel recording, the maximum recording time will be half the figures above.

Wi-Fi

Wireless standard

Compliant with IEEE 802.11b/g/n (2.4 GHz only)

Wireless communication mode

TO DEVICE mode
     Simple access point (Limited AP)
VIA ROUTER mode
     Infrastructure (Station)

Security

WPA2-PSK (WPS2.0-supported)

General

Power supply

4 AA batteries (alkaline or NiMH)
USB bus power from a computer
Dedicated AC adapter (GPE053B supplied with the unit)
Dedicated AC adapter (TASCAM PS-P520E; sold separately)

Power consumption

2.5 W (maximum)

Battery operation time (continuous operation)

- **Using alkaline batteries (EVOLTA)**

Format	Operation time	Note
Recorded in 2ch WAV, 44.1 kHz, 16 bit	About 16 hours	When MIC input is selected (phantom is not used)

- **Using NiMH batteries (eneloop)**

Format	Operation time	Note
Recorded in 2ch WAV, 44.1 kHz, 16 bit	About 12 hours	When MIC input is selected (phantom is not used)

NOTE

- *When phantom power supply is used, the operation time may be shorter depending on the microphone you use.*
- *The battery operation times (during continuous operation) could vary depending on the media being used.*

Dimensions

79 × 162.2 × 42.5 mm (W × H × D)

Weight

346 g/251 g (including batteries/not including batteries)

Operating temperature range

0 ℃–40 ℃

- Illustrations in this manual may differ in part from the actual product.
- Specifications and external appearance may be changed without notice to improve the product.
- Detailed specifications are provided in the Reference Manual.