
ezcap180



VHSDigi

manual



Thanks for purchasing ezc180 VHS Digi VHS Digitizer with 4.3 inch screen. Please read this manual before use and keep it in a safe place for future reference.

You can use this machine:

Convert VHS and all Composite video to digital file, and save in Micro SD card or USB flash drive. Convert analog audio to digital MP3 file. Play video and music directly.

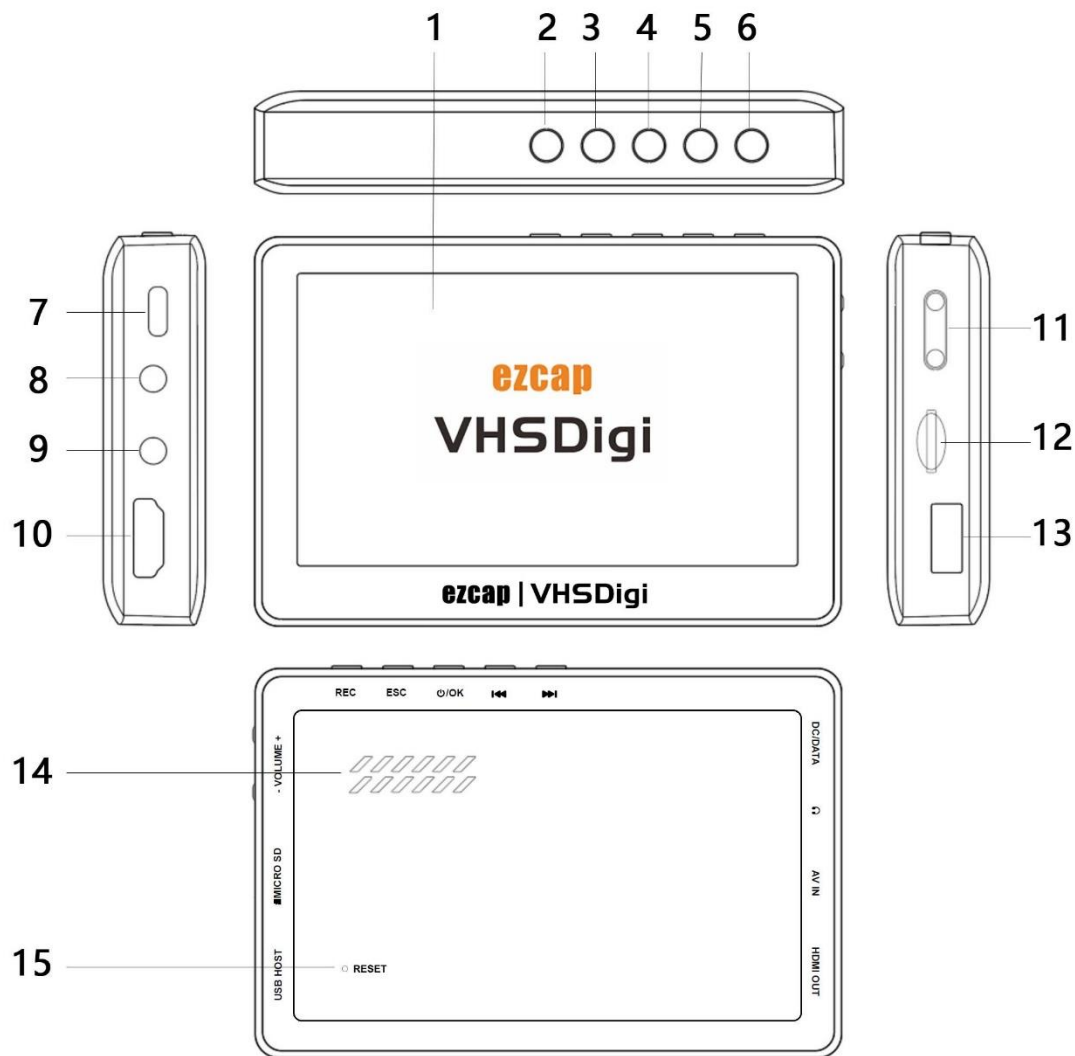
Overview

In the Box


ezc180 VHS Digi x1, Manual x1, Type C to Type A power data cable x1, 3.5mm to 3RCA


AV adapter cable x1


Product Overview



1, 4.3 inch TFT screen (480 x 270)

2,  – LEFT direction button to operate the menu. For playback, press to Previous, long press to Fast Rewind.

3,  – RIGHT direction button to operate the menu. For playback, press to Next, long press to Fast Forward.

4,  – Long press to power on and off. OK direction button to operate the menu. For playback, press to play and pause.

5, ESC – Back to the previous menu.

6, REC – In **TV IN** preview the video mode, press to record video, press again to stop and save file.

7, DC/DATA – Supply 5V/2A DC power with Type-C cable to charge battery, connect to computer to manager files.

8,  – Connect earphone to listen the audio.

9, AV IN – AV input connection with AV Cable.

10, HDMI OUT – Connect to TV monitor displaying.

11, VOLUME – Press the upper button to increase the volume, and press the lower button to decrease the volume.

12, Micro SD – Plug Micro SD card to save recording file or play the file in card.

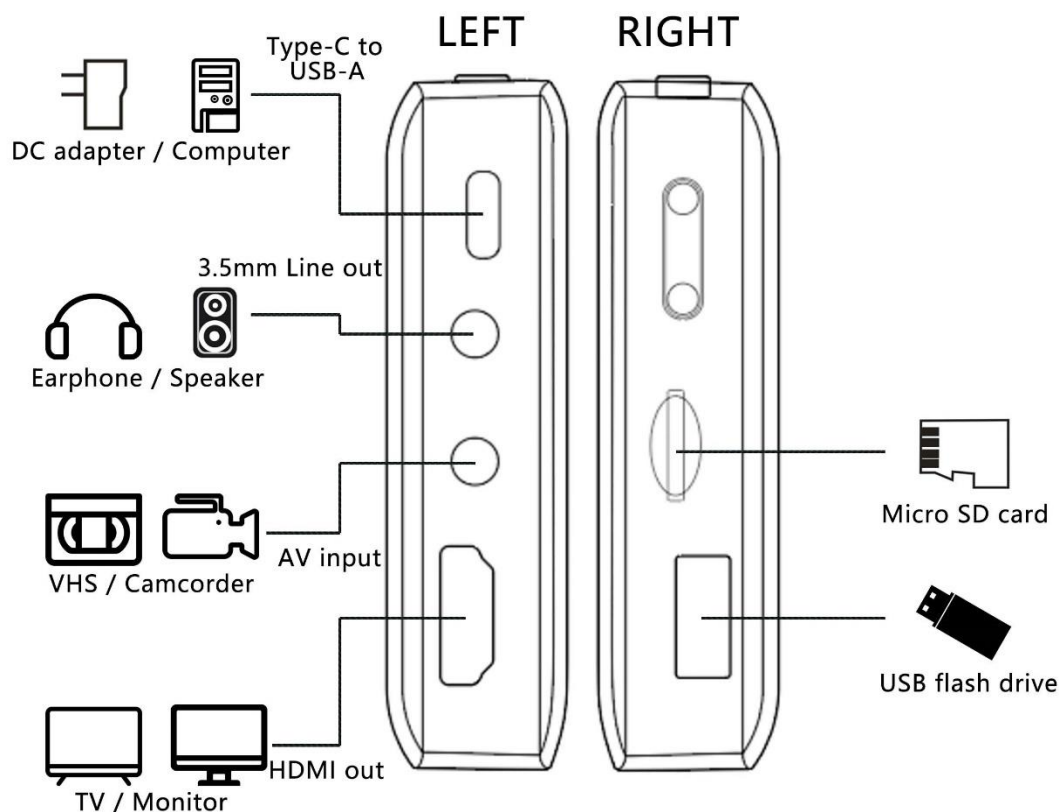
13, USB HOST – Plug USB flash drive to save recording file or play the file in it.

14, SPEAKER – With speaker inside, can listen to the sound directly.

15, RESET – Click to reset to factory default setting.

Preparation Before Use

Connections



Power, Charge and Data

To charge the battery of this device, use Type-C cable to connect with 5V DC or PC, will see the charge status on screen.

Connect it to PC, will see 3 options: **Power & Data, Charge, Charge & Play**. Just choose one you want and click **OK**. When you choose **Power & Data**, you can copy the file out or in to the Micro SD card (Only for Micro SD card, not for USB flash drive).

Micro SD Card / USB Flash Drive

Plug Micro SD card into the slot with right direction as picture, the screen will prompt **Card In** when plugged, and a card icon will be displayed in the upper right corner.

Un-plug Micro SD card from device, the screen will prompt **Card Out**, and the icon will be disappeared.

Plug USB flash drive into the slot, the screen will prompt **External Memory In** when plugged, and a USB stick icon will be displayed in the upper right corner. Un-plug USB flash drive from device, the screen will prompt **External Memory Out**, and the icon will be disappeared.

For file safety, It is best to empty and format the Micro SD card and USB flash drive before using. Support FAT32, exFAT (does not support NTFS), MAX 32GB.

Note: It is not recommended to connect Micro SD card and USB flash drive at the same time, if they are connected at the same time, the device will use the first inserted memory as the recording memory. But can play all files in Micro SD card and USB flash drive.

AV Input

Use the 3.5mm to 3RCA cable (come with the device in box) connect to the video source, such as VHS, DV, etc. The 3.5mm connector plugs to the AV IN of device.

The RCA connectors to VHS, yellow = video, white = audio left channel, red = audio right channel.

When connect ok, at **TV IN** will see the playing video. Can record the video now. At **Recorder**, can listen to the audio of the playing video, can record the audio with this connection.

Use a 3.5mm to 3.5mm audio cable, connect to AV IN port of device and other audio

source, you also can record audio at **Recorder**.

HDMI Output

Use HDMI cable to connect with HDMI OUT, and another side connects to TV or monitor. When connected, the screen of ezcap180 VHS Digi and TV will display the video at the same time.

When previewing and recording video under the **TV IN** menu, or when recording audio under the **Recorder** menu, there will be no audio output from the TV, only the speaker or earphone output of the device has sound output. While playing video under the **Videos** menu, or playing music under the **Music** menu, there will be no sound from the speaker and earphone of the device, and only the TV has sound output.

Please do not plug or unplug HDMI cable when playing (playback video or audio, recording video or audio), otherwise will caused problems.

Earphone Output

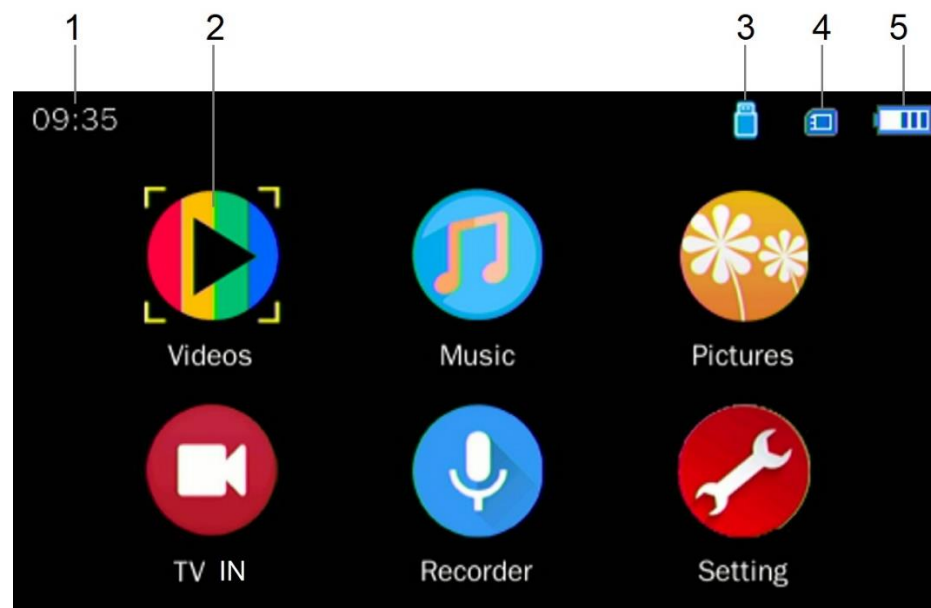
Connect earphone or speaker to earphone port, can listen the sound of ezcap180.

When you playback with own screen, plug earphone, the audio will cut off from speaker of ezcap180 and switch to earphone. When you playback with HDMI OUT, plug earphone, the audio will keep playing on TV, does not play at earphone.

Start Work

Basic Menus on Screen

Long press **⏻/OK** to power on ezcip180 (You may need to charge it if it is out of battery), will see:



1, Time – Shows current time.

2, Function Menu, use direction button to choose icons, press OK to enter:

Videos – Enter to playback recorded videos.

Music – Enter to playback recorded audios.

Pictures – Enter to playback pictures.

TV IN – Enter to preview input video, and record.

Recorder – Enter to preview input audio, and record.

Setting – To set time, language, etc.

3, USB flash drive in

4, Micro SD card in

5, Capacity of battery

Record Video



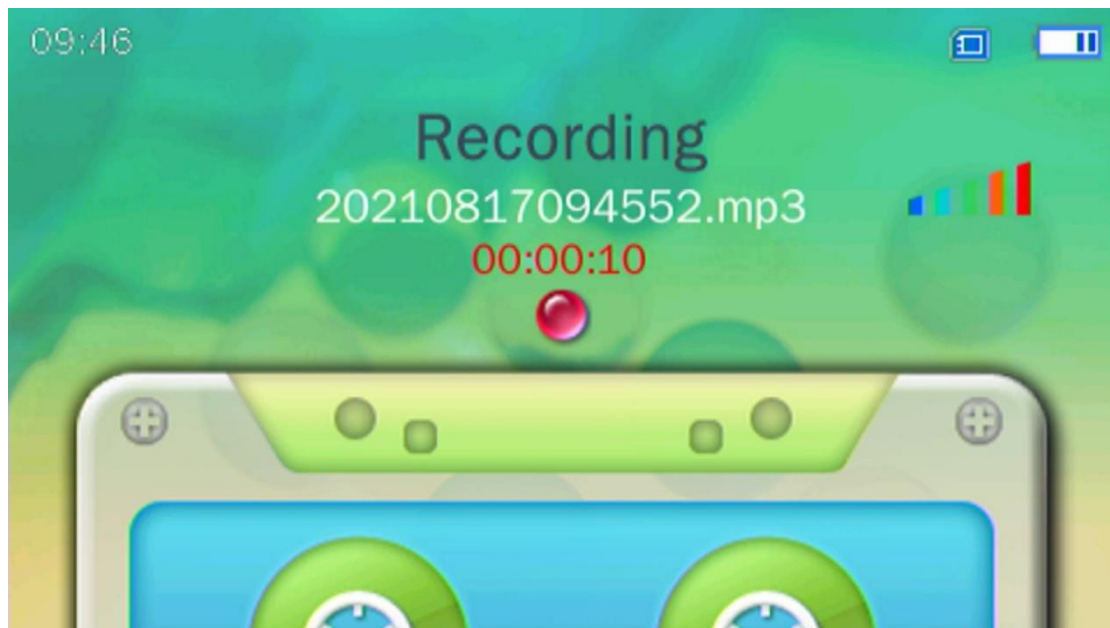
Enter **TV IN**, will preview the connecting video, press **REC** button to record video, press again to stop recording and save file. While recording, screen will display the recording time and remaining recordable time in the memory in the lower left corner. After you finish recording, press **ESC** button to back to the previous menu.

Note: If you enter TV IN and find the preview video is **black and white, or flashing**, please go to **Menu: Settings - TV Rec**, and switch TV system from PAL to NTSC, or NTSC to PAL. Press **LEFT/RIGHT** button to switch PAL and NTSC, press **OK** to finish.

Record Audio

Enter **Recorder**, will preview the input audio, press **REC** button to record audio, press

again to stop recording and save file. After you finish recording, press ESC button to back to the previous menu.



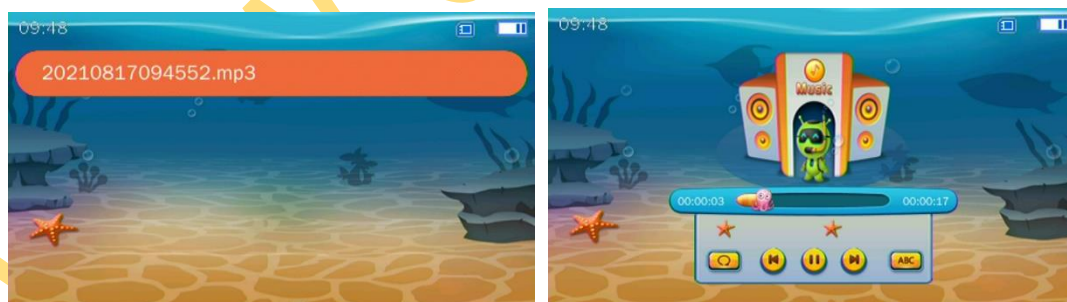
Video Playback

Enter to **Videos**, will see the recorded videos, choose file with direction buttons, press **OK** to play. When playing, press **VOLUME** button to set audio level, press **LEFT/RIGHT** button to play Previous / Next, and keep press to Fast Rewind / Fast Forward, and release to resume normal playback. Press **ESC** button to back to the previous menu.



Audio Playback

Enter to **Music**, will see the recorded audios. Choose file with direction buttons, press **OK** to play. When playing, press **VOLUME** button to set audio level, press **LEFT/RIGHT** button to play Previous / Next, and keep press to Fast Rewind / Fast Forward, and release to resume normal playback. Press **ESC** button to back to the previous menu.



Picture Playback

ezcap180 VHSDigi does not capture still image, but you can copy pictures into Micro SD card or USB flash drive to view. Enter **Pictures** menu to choose and view.

Delete File

If you want to delete the video, music or picture file, please find the file under Videos, Music or Pictures menu firstly. Press **LEFT/RIGHT** button to choose the file you want to delete, and long press **REC** button, you will see window – **Confirm to Delete? – Yes - No**, please select **Yes** and press **OK** to delete the file.

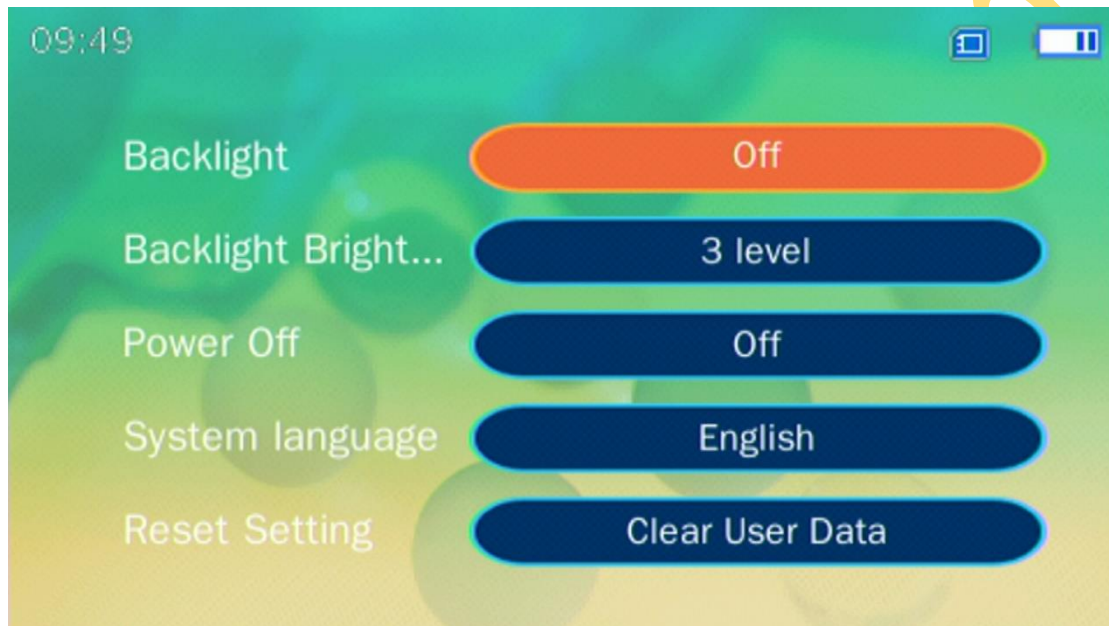


Card Reader

ezcap180 VHSDigi can work as a card reader. Connect Type-C cable with device and USB port of your computer, and please press **LEFT/RIGHT** button to choose **Power & Data** on device screen. Your computer system will pop up the VHSDigi folder, and you can find the recorded video and audio files in the folder VIDEO --- TVIN and MUSIC. You can copy them to your computer, and also can copy video and music to Micro SD card to play on ezcap180 VHSDigi directly.

Note: Please un-plug Type-C connector from device and re-plug into until show you **Power & Data** selection. Select it, and you can manage the data in Micro SD card on your computer right now.

Setting



Backlight – Set Backlight time, for saving energy. After the screen off, press OK button to wake up screen.

Backlight Brightness – Set backlight brightness level from 1 to 5, and 1 to 5 means dark to brightest.

Power Off – set idle time and sleep time, for saving energy.

System Language – set language of menu

Reset Setting – Clear user data, back to factory default setting

Version: Firmware version

Clock Time – Press **VOLUME** button to select Hour and Minute, and press **LEFT/RIGHT**

button to adjust Hours and Minutes, Press **OK** to finish.

Date – Press **VOLUME** button to select Year, Month and Date, and press **LEFT/RIGHT** button to adjust them, Press **OK** to finish.

TV In – Set TV system as same as video source. Press **LEFT/RIGHT** button to switch PAL and NTSC, press **OK** to finish.

Specifications

Interface	USB 2.0
Video Input	Composite video by 3.5mm to 3RCA AV cable
Audio Input	Analog L/R audio by 3.5mm to 3RCA AV cable or 3.5 audio cable
Video Output	HDMI: 480p60
Audio Output	HDMI, 3.5mm earphone port, Speaker inside
User Interface	Button: OK/POWER, LEFT, RIGHT, ESC, REC, VOLUME. 4.3 inch TFT screen, Speaker inside, 1500mAh lithium battery inside.
Storage Media	Micro SD card and USB flash drive, supports FAT32 and exFAT, does not support NTFS format, Max 32GB.
Record Format	Video: .mp4, Audio: .mp3
Record Quality	480@15fps, NTSC: 720 x 480, PAL: 720 x 576
Record File	Video: about 4.2MB/Minute, 250MB/Hour. Audio: 1.2MB/Minute
Play Format	Video: avi, mov, mkv, webm, mp4, m4v, flv, 3gp, 3g2, 3gpp, dat, vob, evo,

	mpg, asf, trp, ts, m2ts, mts. Audio: mp3, ogg, ape, flac, wav, amr, aiff, mpc
Working Time	About 2.5 hours to charge separately, about 2 hours for fully charged working.
Power Supply	1500mAh lithium battery inside, Type-C to USB power cable (Not include 5V2A power adapter)
Dimensions	116(L) × 78(W) × 18(H) mm
Weight	132g

ezcap180

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视频录制盒

说明书



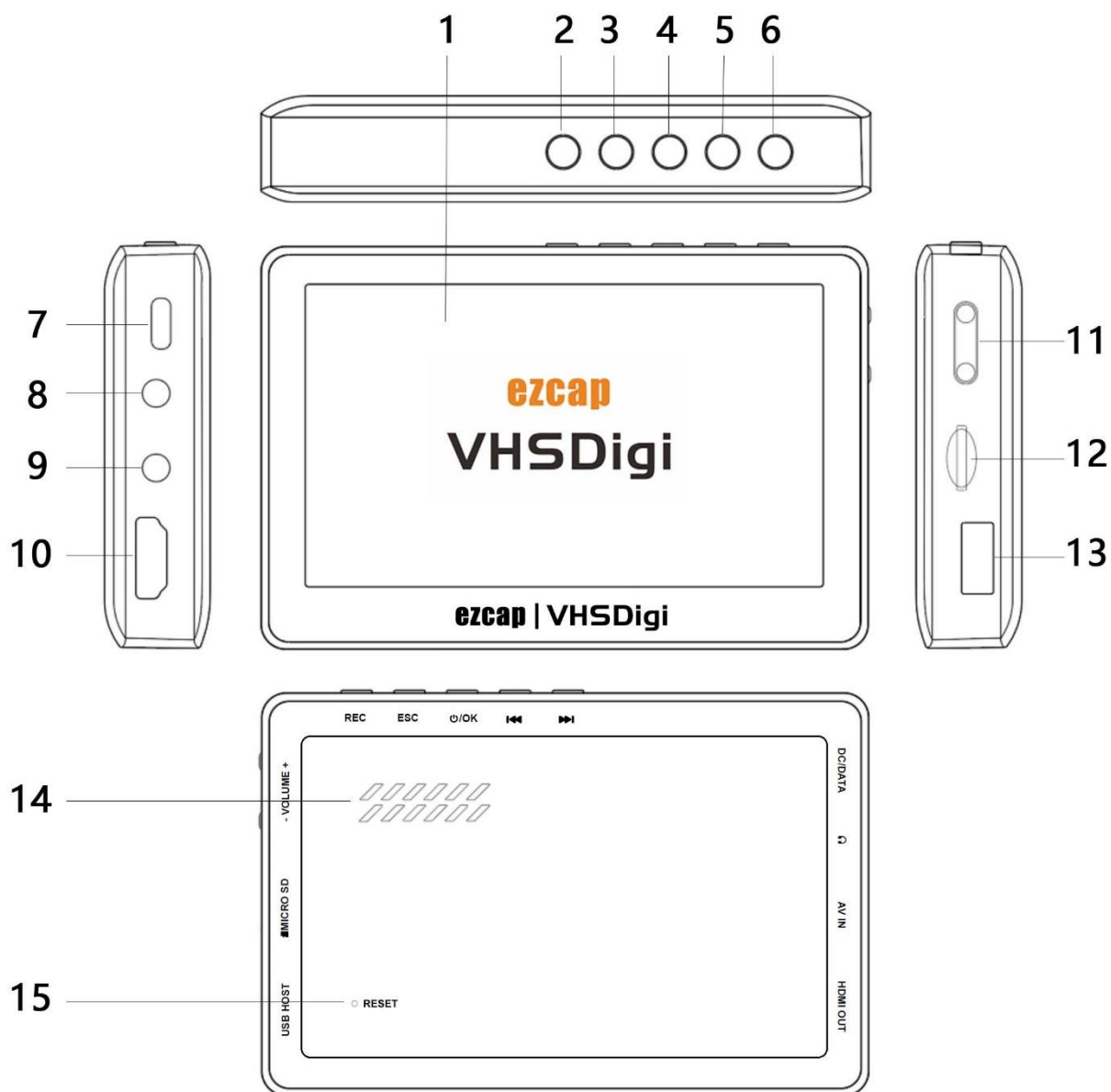
感谢您购买 ezcap180 VHSDigi 4.3 寸屏 AV 录制盒。请在使用前阅读本手册并将其保存在安全的地方以备将来参考。你可以使用这台机器：将 VHS 和所有复合视频转换为数字视频文件，保存在 TF 卡或 U 盘里。将模拟音频转换为数字 MP3 文件。本机播放视频和音乐文件。

概览


包装内容


ezcap180 VHSDigi 4.3 寸屏视频录制盒 x1, 说明书 x1, Type-C 转 USB 电源数据线 x1, 3.5mm 转 3RCA AV 线 x1


产品示意图



1, 4.3 寸 TFT 显示屏 (480 x 270)

2,  - 向左方向键操作菜单，播放文件时按下为播放上一首文件，长按则为快退。


3,  - 向右方向操作菜单，播放文件时按下为播放下一首文件，长按则为快进。

4,  - 长按开机关机。OK 键操作菜单确认。播放文件时按下开始播放，再按停止播放。

5, ESC - 返回上一级菜单。

6, REC - 视频输入预览视频时，按下开始录制视频，再次按下停止录制并保存文件。

7, DC/DATA - 用 Type-C 线 5V/2A 直流电供电及给电池充电，连接电脑还可以管理 TF 卡里的文件。

8,  – 连接耳机聆听音频。

9, AV IN – 用配备的 AV 线连接设备和视频源。

10, HDMI OUT – 连接电视显示视频。如无必要无需连接，因为自有 4.3 寸显示屏。

11, VOLUME – 音量调节键。按下上方按键增加音量，按下下方按键降低音量。

12, Micro SD – 插入 TF 卡用于保存录制文件或播放卡内文件。

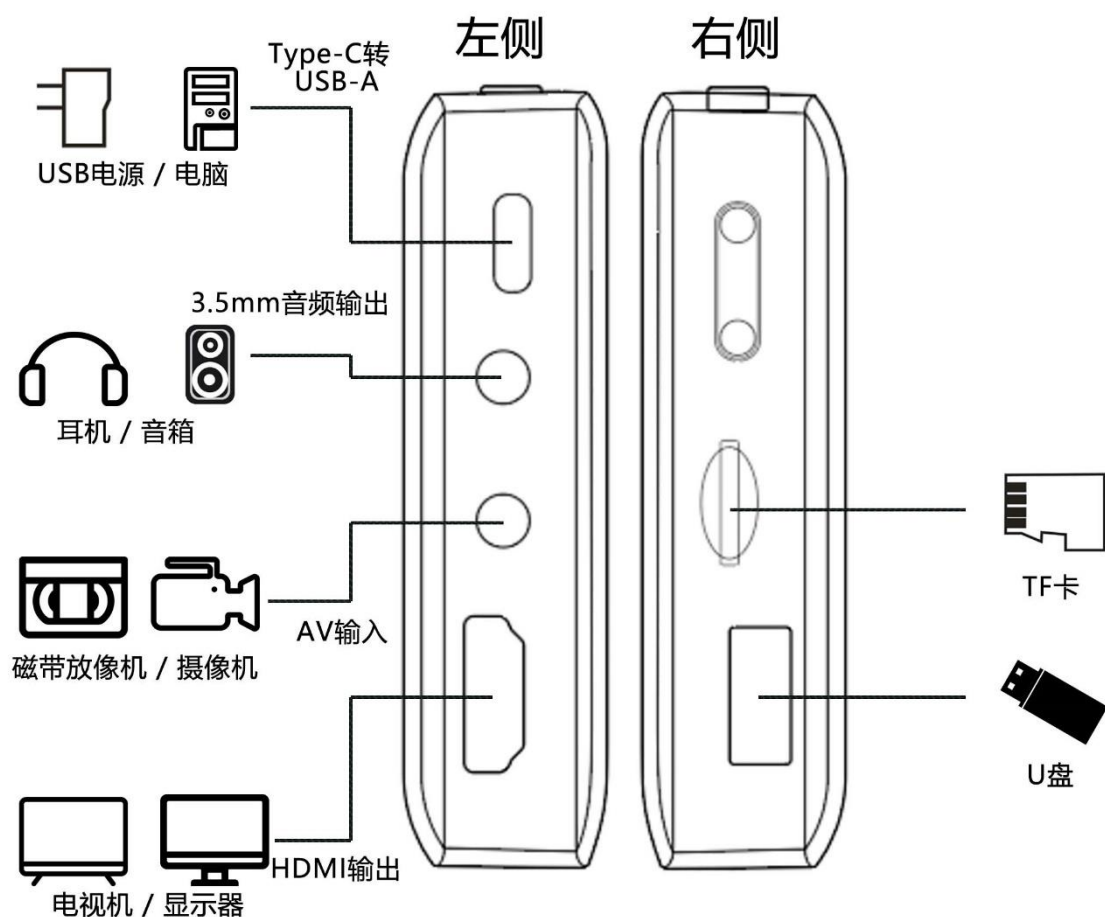
13, USB HOST – 插入 U 盘用于存储录制文件，或播放 U 盘内文件。

14, SPEAKER – 内置扬声器，无需连接耳机直接聆听。

15, RESET – 用针状物按下后恢复出厂设置并重启设备。

使用前准备

连接示意图



电源，充电和数据

用配备的 Type-C 线连接设备和 5V 电源，即可给设备充电，显示屏上会出现充电状态。

连接到电脑，您会看到设备屏幕有三个选项：**供电及数据传输**，**充电**，**后台充电**。根据需要选择并按 **OK** 即可。选择**供电及数据传输**，你可以管理 TF 卡里的文件。（仅对 TF 卡有效，对 U 盘无效。）

TF 卡 / U 盘

按照正确方向插入 TF 卡，屏幕会提示**卡插入**，同时右上角会出现一个 TF 卡标识。拔出 TF 卡，屏幕会提示**卡拔出**，同时 TF 卡标识从显示屏消失。

插入 U 盘，屏幕会提示**外部存储器插入**，同时右上角会出现一个 U 盘标识。拔出 U 盘，屏幕会提示**外部存储器拔出**，同时 U 盘标识从显示屏消失。

为文件安全考虑, 在使用存储器前请先清空存储器并格式化。设备支持 FAT32 和 exFAT 格式, 不支持 NTFS 格式, 支持最大容量 32GB。

注: 不建议同时插入 TF 卡和 U 盘。如果同时插入两者, 则会将录制文件保存到先插入到设备的存储器, 而播放则会播放两者所有的文件。

视频输入

用配备的 3.5mm 转 3RCA AV 线的 3RCA 这端连接视频源, 如录像机, 老式 DV 等, 另外 3.5mm 这端连接设备的 AV IN 端口。

录像机或老式 DV 的三色 RCA 端子, 黄色为视频, 白色为音频左声道, 红色为音频右声道。

连接好以后, 在**视频输入**菜单下将会看到正在播放的视频, 此时可以录制视频。在**录音**菜单下, 可以听到播放视频的音频, 此时可以录制音频。

用 3.5mm 音频线连接音频源设备(比如手机或 CD 播放器等)和 ezcap180 VHSDigi 设备的 AV IN 接口, 在**录音**菜单下, 也可以录制音频。

HDMI 输出

用 HDMI 线连接设备的 HDMI OUT 接口到电视机或显示器。 连接完成, ezcap180 VHSDigi 显示屏和电视机将会同时显示视频。

在**视频输入**菜单下预览和录制视频时, 或**录音**菜单下录制音频时, 此时电视机不会有音频输出, 只有本机喇叭或耳机输出有声音输出。而在**视频**菜单下播放视频, 或在**音乐**菜单下播放音乐, 此时本机喇叭和耳机都不会有声音, 只有电视机有声音输出。

在设备正在播放时(播放视频或音频, 录制视频或音频), 请不要插入或拔掉 HDMI 线, 设备因此可能会出错。

耳机输出

连接耳机或音箱到耳机接口，可以通过耳机或音箱播放 ezcap180 VHSDigi 的声音。

当你使用 ezcap180 VHSDigi 自身的显示屏播放，此时插上耳机，音频将会从本身扬声器播放切换到耳机。

当你通过 HDMI OUT 到电视机播放，插上耳机，此时音频依旧会从电视机输出，而不会从耳机输出。

开始使用

基本菜单显示

长按 **⏻/OK** 键开启 ezcap180 VHSDigi 4.3 寸显示屏 AV 视频录制盒 (如果电池没电了也许你需要连接电源充电)，您会看到：



1, 时间 – 显示当下时间。

2, 功能菜单，使用**左/右**方向键选择功能图标，按 **OK** 键进入：

视频 – 进入菜单以播放录制的视频。

音乐 – 进入菜单以播放录制的音频。

图片 – 进入菜单以播放存储器里的图片。

视频输入 – 进入菜单以预览输入视频，并录制。

录音 – 进入菜单以预览音频，并录制。

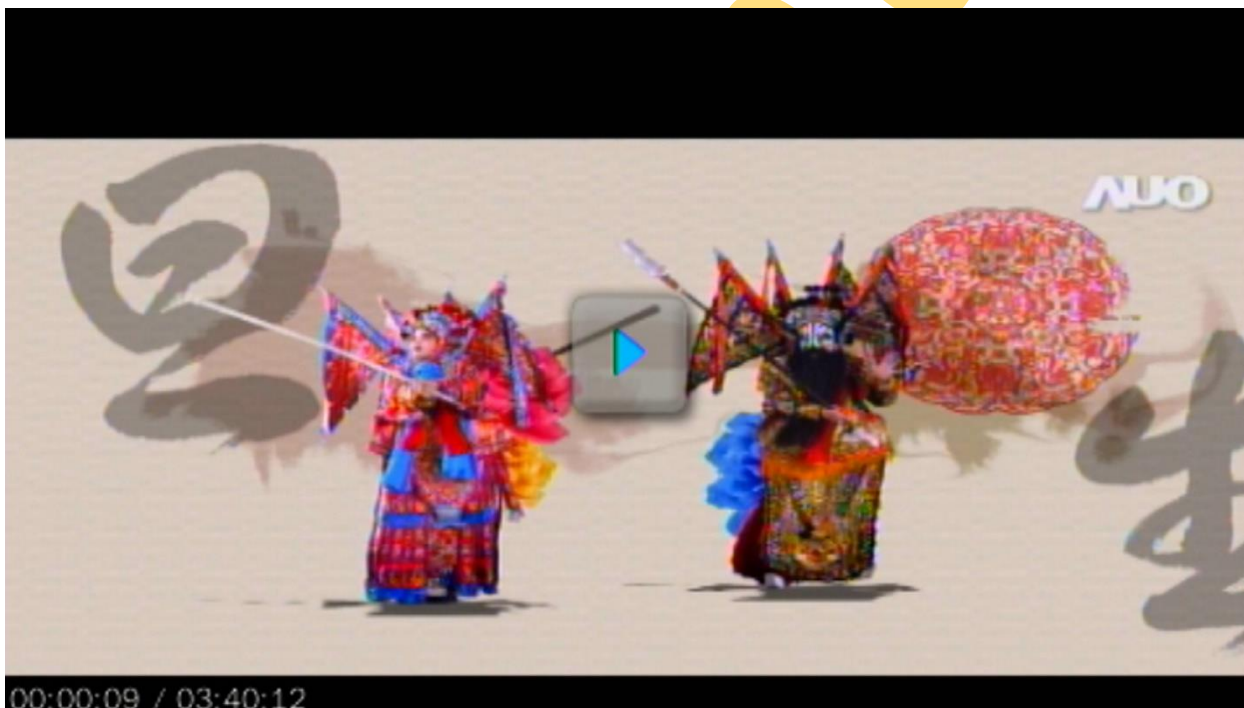
设置 – 进入菜单以设置时间、语言等。

3, U 盘插入

4, TF 卡插入

5, 电池容量

录制视频



进入**视频输入**菜单，可以预览连接的视频源视频，按下 **REC** 键开始录制视频，再次按下则停止录制，并保存视频文件到存储器中。录制期间，屏幕左下方会显示已录制时长和存储器可录制时长。完成录制后，按 **ESC** 键回到上级菜单。

注：如果进入**视频输入**菜单发现视频是黑白或者闪烁，请到**设置**菜单下的**视频录制**项目，将电视制式从 PAL 切换到 NTSC，或者从 NTSC 切换到 PAL。按下**左/右**按键切换到 PAL 或者 NTSC，再按下 **OK** 键完成设置。

录制音频

进入**录音**菜单，可以听到输入的音频，按下 **REC** 键开始录制音频，再次按下以停止录制，并保存音频文件到存储器中。完成录制后，按 **ESC** 键回到上级菜单。



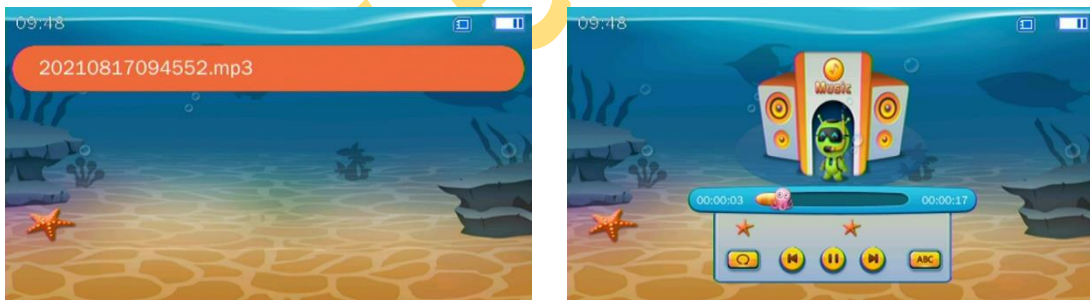
视频回放(播放)

进入**视频**菜单，可以看到所有视频文件图标，用**左/右**键选择需要播放的文件，按 **OK** 键开始播放。播放时，按 **VOLUME** 音量调整键调整音量，按**左/右**键播放上一首或下一首，长按**左/右**键以快退或快进播放，松开则恢复正常播放。按 **ESC** 返回键返回上级菜单。



音频回放(播放)

进入**音乐**菜单，可以看到所有音频列表，用**左/右**键选择需要播放的文件，按 **OK** 键开始播放。播放时，按 **VOLUME** 音量调整键调整音量，按**左/右**键播放上一首或下一首，长按**左/右**键以快退或快进播放，松开则恢复正常播放。按 **ESC** 返回键返回上级菜单。



浏览图片

ezcap180 VHSDigi 并不能抓取静态图片，但是您可以将图片拷贝进 TF 卡或 U 盘内，并进入**图片**菜单观看图片。

删除文件

如果你想删除文件，请先进入**视频**、**音乐**或**图片**菜单，然后用**左/右**方向键选择需要删除的文件，再长按 **REC** 键，这时你会看到窗口 - **确认删除？** - **Yes - No**，请选择 **Yes** 后按下 **OK** 键删除文件。



读卡器

ezcap180 VHSDigi 可以像读卡器一样使用。用配备的 Type-C 线连接设备和您的电脑，屏幕弹出菜单，选择**供电及数据传输**。此时，您的电脑系统将会弹出 **VHSDigi** 文件夹，您会在文件夹中发现您录制的视频和音频文件。视频文件路径：VIDEOS 文件夹 --- TV IN 文件夹，音频文件路径：MUSIC 文件夹。您可以将文件拷贝到电脑硬盘，也可以将电脑的视频、音频或图片文件拷贝到存储器，以便在设备直接播放。

注：请拔出并重新插入 Type-C 接头到设备，直到出现**供电及数据传输**选项。选择它，然后你就可以在电脑上来管理 TF 卡里的文件了。

设置



背光时间 – 设置设备空闲时关闭显示屏显示时长以节电，息屏后按 **OK** 键可以唤醒屏幕。

背光亮度 – 设置显示屏显示亮度，从 1 到 5 表示亮度从暗到最亮。

定时关机 – 设置设备休眠时间以节电。

系统语言 – 设置菜单语言。ezcap180 VHS Digi 支持多种语言：英文，中文。

恢复出厂设置 – 用针状物按下 RESET 按键以恢复出厂设置，设备会重新启动。

固件版本 – 设备固件程序版本。

调整时间 – 按 **VOLUME** 音量调节键选择时或分，再按**左/右**键调整时间和分钟，最后按 **OK** 键完成设置。

调整日期 – 按 **VOLUME** 音量调节键选择年、月或日，再按**左/右**键调整它们，最后按 **OK** 键完成设置。

视频录制 – 将设备电视制式设置成与视频源相同。按**左/右**键选择 PAL 或 NTSC，再按 **OK** 键完成设置。

规格参数

界面	USB 2.0
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视频输入	复合视频，通过 3.5mm 转 3RCA AV 线输入
音频输入	模拟左右声道，通过 3.5mm 转 3RCA AV 线或 3.5mm 音频线输入
视频输出	HDMI: 480p60
音频输出	HDMI, 耳机插孔, 内置扬声器
用户界面	按键: OK/开关, 左, 右, ESC 返回, REC 录制, VOLUME 音量加减 4.3 寸 TFT 显示屏, 内置扬声器, 内置 1500 毫安时锂电池。
存储媒介	TF 卡和 U 盘, 支持 FAT32 和 exFAT 格式, 不支持 NTFS 格式, 最大容量 32GB。
录制格式	视频: .mp4, 音频: .mp3
录制质量	480@15fps, NTSC: 720 x 480, PAL: 720 x 576
录制文件	视频: 约 4.2MB/分钟, 250MB/小时。音频: 约 1.2MB/分钟
播放格式	视频文件: avi, mov, mkv, webm, mp4, m4v, flv, 3gp, 3g2, 3gpp, dat, vob, evo, mpg, asf, trp, ts, m2ts, mts. 音频文件: mp3, ogg, ape, flac, wav, amr, aiff, mpc
工作时长	不工作充满电约需 2.5 小时, 满电工作大约 2 小时
电源适配器	1500mAh 锂电池, Type-C USB 电源数据线 (不包括 5V2A 电源适配器)
产品尺寸	116(长) × 78(宽) × 18(厚) 毫米
产品重量	132 克