NO：VSP24W-25L

2.4GHzWireless Mobile AV receiver

MPEG-4 Recorder

User Manual

Caution

This product is controlled by microprocessor; improper use may cause the machine stop operating. Please stop and restart   the machine

If battery is not fully charged, this may cause serious system error when recording and transferring video files

Do not open the cover！
It may cause electrical shock。

Touch DC converter parts may cause electrical shock

In order to prevent improper operation of DC converter, please read User Manual carefully.

Caution

Prevent this product from water and liquid, Otherwise, electrical shock and fire danger may occur

For your safety, pleases use only the DC converter provided.

（The manufacturer will not responsible for any losses caused by DC converter not provided by the manufacturer）

Important

Please only use the socket match with DC converter. Use of improper socket may cause electrical and fire damager

Please firmly plug the DC converter into the AC socket panel

Safety Notice

Internal rechargeable battery

λ   Do not use damaged battery or charger

λ   Do not charge battery over the specified time period

λ   First use or the battery has not been used for past several month, please recharge the battery before use.

 In order to protect your battery, please fully charge your battery before you use.   The battery must be fully discharge it before you charge it again.

λ   Over charge and over discharge will shorten the life of battery

λ   If the usage period of fully charged battery is shorten than new battery, You need to change your battery. 。

λ   Battery is consumable item, its life will be shorten from the time it is being used. 。

λ   Don't touch the DC converter with any conductors e.g. rings etc..

Product Packages

Receiver Camera 5V adapter for receiver AV Cable

OTG Cable Earphone USB Cable 8V adapter for camera

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Any changes of the above items in the packages will not inform in advance.

Please recycle and re-use above item as far as possible。

4

Main Parts

Main machine

Connect to AC socket（**Charge battery purpose**）

Before use this product, please use the provided DC adapter for charging purpose.

Please connect DC adapter plug into DC 5V socket

Please firmly plug in the DC into the AC socket

The battery life indicator will turn to Red when it is charging

The light will turn to green when is fully charged.

    λ   **Before use this product, please charge the battery for 4 hours in order to fully charge the battery.**

    λ   **Charge period ≥4hours** （**after fully discharge**）

Important notice

During recording video or transferring files, system error may occur in case of inadequate battery. Therefore, please check battery level before use this product.   If needed, please connect to DC adapter and fully charge the battery before use.

Mode selection

Press ⏻ to power on

Wireless receiving mode

■Use wireless receiving mode to receive video signal

1. Push receiving mode key to R (Wireless receiver)Mode, Receiver screen will display

    Wireless video recorder, Press ↻ Key.   Select your desired channel

    CH1: 2414MHz; CH2: 2432MHz; CH3: 2450MHz; CH4: 2468MHz.

2. Press **REC** Key to record the video and audio media. After recording, the file will be

    Kept at following file folder: multimedia menu\DCIM\100COACH

3. Press recording **REC** button, to stop recording.

   λ After recording , the file will be kept at file folder :   Multimedia

      menu\DCIM\100COACH。

   λ The file will be named as PICT001，PICT002 as MPEG file in AVI format.。

   λ It is unable to reset volume during recording。

   λ If memory is full, recording will stop。

Select use mode

Multimedia player mode

■Use multimedia player file

1. Turn the receiver mode to "P" mode, the machine will display the the Main menu of the Multimedia
   mode.　Enter into the multimedia explorer, there are four file folders (MP3,VIDEO,DCIM,PHOTO）

2. Press ⏏/⏏ Key to select function menu, Press ▶❙ to enter the function menu.

3. ⏏/⏏ ：move up and down to select file folder, Press ▶❙ : to access the file.

   +/− ：move to the selected file ， Press ▶❙ : to play the file, Press ■ stop play/back
   to previous file。

4. During play mode, use **+/−** to adjust voice volume

5.when　play a file completed，it will play next file

Connect to external equipment

Use AV Cord to connect to external equipment
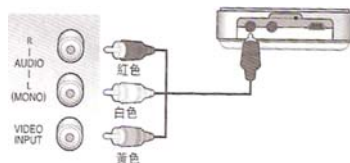
■ check video/audio/voice through TV

1. Connect AV connector to AV OUT plug of the product, connect 3RCAplug connect to TV set(Yellow: Video; White: Audio(L); Red : Audio (R)

2. Turn TV to AV mode (external input), to receive signal from wireless receiver.
   Monitor will display operating instruction.
   How to view video file, please refer to P.13 for details

■Use wire cord to record AV file

1. Connect AV cord to AV IN plug of this product, connect 3RCAplug connect to TV set
   (Yellow: Video; White: Audio (L); Red: Audio (R)

2. Turn receiver mode to P (multimedia receiver) mode, select recording function to record video from external equipment.

3. Resolution setting Turn receiver mode to P (multimedia receiver) mode, select recording menu, press **MENU** Key to enter Into Resolution, AV Quality sub-menu. Press+/— Key to select he function you intended to set. Press ►❙ Key enter into function menu, Press +/– key to select setting, Press **MENU** key to select either 320×240"or"640×480"resolution，Factory default is "640×480"

Connect to external equipment

Use USB connect to external USB equipment

■ This product support OTG function, it can link with U disk or
   removable hard disk for accessing and storage.

■ Delect and Copy function：

If SD card is inserted, System will set default to SD card, if no SD card is or insert the SD card after the
product is power on, the default memory card need to set in the memory. When select copy a file, you
need to set memory in the menu in advance. In player mode but have only one "memory".　It cannot
precede copy process.

1. When memory is set to memory, enter into multimedia player will have four options
   (MP3,VIDEO,DCIM,PHOTO）.　When memory is set to U disk, enter into multimedia player will
   display is the menu of main memory.

2. Enter into multimedia player, select the file or play option.　Press MENU key will display "delete, copy
   to" operation, select 🔄/🔼 key to select your intended option.

3. Turn to "copy to" option, press ▶❙ to enter, will display "memory"　"main memory" or "U disk" three
   option. Select. +/–appropriate memory，Press▶❙ Key to complete copy process. The memories are able
   to proceed copy each others.

4．Press▶❙ Key to display" all, present and cancel" three options. Press +/– key to select you option, press
   ▶❙ Key, it will display "Yes" or "No" options. Select "Yes" to delete, "No" to exist delete operating.

Connect to external equipment

Connect USB connect to your PC

■open the bottom cover of the receiver，use USB cord to connect with the precut using USB 2.0 interface.

If no correct procedure, please do not disconnect the USB cord.   This will prevent risks of data lost of system or receiver.

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Function setting

■Turn the receiver mode to **P** (Multimedia player)Mode, Main menu will appear.

1.Press📖/⌂ to select Setup function，Press ►❙ Key to confirm to display following sub-menu: Time & date setting, press voice setting，language setting, memory setting，Display，Logo，contrast setting，default setting, system upgrade, auto shut down and format.

2.Pess +/– to shift to"Storage"menu，press ►❙ key enter, 3 options to be selected, storage, main memory, U disk(Nand Flash, MSDC，U Disk），press +/– key select storage location, use►❙ to confirm, press ■ to exist。

⇔ When SD is inserted，system default is SD card，If no SD is inserted, you have to select storage media.

3.Press +/– to shift to (Logo) function menu， press ►❙ to enter to access initial screen..

4"DATE/TIME"SETTING：

a).Press +/– to shift to Date & Time menu press ►❙ to enter 3 sub function: Date Format, Date Setting, Time Setting, press ■ to exit.

b).Press +/– to shift to " Date Format" submenu，press ►❙ to enter "YY/MMM/DD" or DD/MM/YY, base on your need and use +/– key to select. Press ►❙ to exist.

c).Press **+/–** to shift to "Date setting" submenu，Press ►❙ to enter，press📖/⌂ to move to desired location，press again +/– to turn to desired location and to make change. After change press ►❙ to confirm and exit。

d). press +/– to shift to "time setting" sub-menu, press ►❙ to enter. Press📖/⌂ to move to desired change location, press again **+/–** to desired location to change the setting. After change, Press ►❙ to confirm and exit。

5.Press**+/–** shift to Deep function menu, press ►❙ to enter，This function menu is to, control the on/off of Key tone, Press **+/–** to select，Press ►❙ to confirm and exit。

6.Press +/– to Brightness sub-menu, Press ▶❙ to enter, press ▣/⌂ to change contrast, use ▶❙ to confirm and exit.

7.press +/– to shift to Format sub-menu, Press ▶❙ to enter, three options available：Storage, Main memory Disk 盤(Nand Flash, MSDC, U Disk).Use +/–use，▶❙ to selec desired option. Select Yes or No for each option. Press +/– to select. Press ▶❙ to, confirm and exit. When error exists, select "yes" can erase internal data and make the machine recover to initial status.

8. Press +/–key to "Language" menu, press ▶❙ to enter, Inside there are English/China 2 other language for you to select. Press ▶❙ to confirm and exit.

9.Press +/– shift to "Power Off" menu, press▶❙ to enter,
This function is operate when machine is idle. Setting time option: 1 mins, 5mins, No auto-power off. Change and press +/– to confirm and exit.

10.Press +/- to shift to "Display" menu, press ▶❙ to enter. There are three options available : LCD,PAL,NTSC，LCD display function directly。Make connection with "receiver" and "TV set", PAL，NTSC are TV mode, please Select suitable TV mode. Enter to TV mode to select and confirm connection to TV set or not. Press +/- to TV set. At this moment, every operation steps can be Displayed on TV screen. If no connection to TV set, screen is Black in color. Press ■ Key to exit operation.

11.press +/– to Default sub-menu. Press ▶❙ to enter, press +/– to enter. Select"Yes"or "No", If "No", machine will keep existing setting. If select "NO" default, machine will back to default setting, but data will not be changed.

13

Inquiry

Inquiry can check **information e.g. [Storage capacity [memory card capacity] [U disk Capacity] [version]**

1.Turn the receive mode to P (multimedia receiver)mode, enter inquiry menu，press+/− to select you desired information. Press ►❙❙ to enter.

項目	解釋
Storage capacity	Display the used and free capacity of the receiver/player
Main memory	Display used and free capacity of SD card (Only when you insert a SD card.　Otherwise, it will display "Card not in!"
U disk	show used and free capacity of U disk(Only when you use a U-disk. Otherwise, it will display "Card not in!"
Version	Show the latest version of this machine

Product specification

Item	Item	Product specification
Wireless receiver	Receiver channel	4CH
	Receiver channel	CH1: 2414MHz; CH2: 2432MHz; CH3: 2450MHz; CH4: 2468MHz.
	Db level	-90dB
video	Frequency property	FM 2.4MHz
	LCD 2.5 TFT	882x228 Trans.ective LCD
	Video out mode	NTSC / PAL
	Video mode	NTSC / PAL
	Resolution	640*480 / 320*240
	Compressed video format	MPEG-AVI Max 30pfs
	Play file format	MPEG-1/MPEG-4/AVI/ASF/ADPCM
Audio	Frequency range	20HZ-20KHz
	Output channel	Stereo
	Earphone output	左 20MW+右 20mW [160](Max volume)
	Play file format	MP3/MP2.5
	Speaker	1W
picture	file format	JPG/JPEG
storage	Flash memory	64MB
	Storage media	SD/MMC/SX/U disk/HDD
Operating system supported	IBM-PC	Windows 98SE.ME.2000 和 XP
	Serial bus	USB 2.0; USB OTG1.1
	Disk file format	FAT32
	Language	Chinese/English
Battery	AS adapter	DC 5V 2A
	Internal battery	Li-ion battery 2500Mah
Standby time	Wireless recorder	≥4.5 hrs
	player	≥7hrs