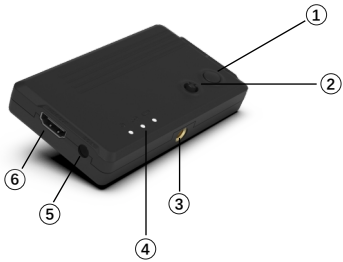
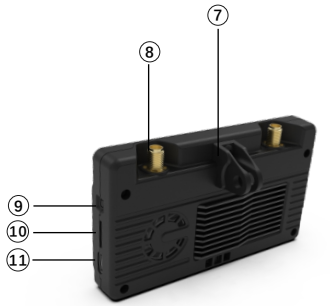
S10P VRX

Quick Start Guide

V1.0

Introduction





1:Back button

2:5D button

3:1/4 threaded hole

4:LED indicator light

5:Power supply

6:HDMI out

7:Bracket

8:Antenna base

9:Link button

10:TF card slot

11:Type-C

Linkling

1.Connect the VTX and the power of the VRX.

2.Short press the frequency buttons on the VTX and VRXrespectively.

After entering the frequency matching state,

the dual colorindicator light flashes rapidly

3.After the linkis successful.

the indicator light on the VTX and VRX LED turns solid green.

LED status indication

Status	indication
NO Link	VTX and VRX both have red lights on
Link state	VTX have LED light rapidly flashes
Link successful	VTX and VRX both have green lights on
Upgrade firmware	VTX and VRX both have blue lights on
HDMI Output	VRX HDMI have green lights on

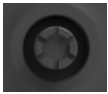
Operating channel

Central frequency(MHZ)	Ch1-CH19(FCC)	Ch11-CH17(CE/SRRC)	CH8-CH11(MIC)
FCC CE/SRRC MIC	5.340GHz 5.380GHz 5.420GHz 5.460GHz 5.500GHz 5.540GHz 5.580GHz 5.620GHz 5.658GHz 5.695GHz 5.732GHz 5.758GHz 5.769GHz 5.788GHz 5.806GHz 5.828GHz 5.843GHz 5.880GHz 5.917GHz	5.732GHz 5.758GHz 5.769GHz 5.788GHz 5.806GHz 5.828GHz 5.843GHz	5.620GHz 5.658GHz 5.695GHz 5.732GHz

Before using this product, please ensure that you fully understand and comply with local laws and regulations.

Users who use modified or cracked versions or use amateur frequency bands without permission, may be subject to penalties for violating local laws or regulations.

Button operation



5D button

Toggle the button to scroll through the menu.
Press the buttonto confrm.

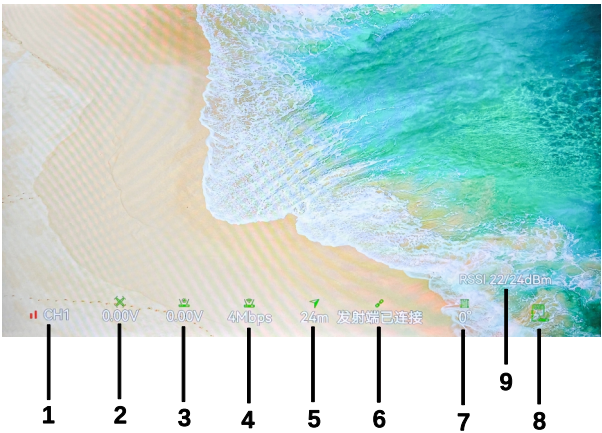
Back/Record button

Short press to return when in the system menu.
Press left to start and stop video recording.

Link button

Short press to enter the linking state,
long press for 8 secondsto enter the upgrade state.

Main interface



1.Current channel

Display the current setting channel,

the signal grid has 5 states, 4 grids.3 grids,2 grids, 1 grid, and blank.

2.VTX input voltage

Displays the voltage of the VTX.

3.VRX input voltage

Displays the voltage of the VRX.

4.Real-time bit rate

Displays the real-time transmission bit rate in Mbps.

5.Transmission Distance

Calculate the transmission distance from the ground station

to the transmitter based on the wireless transmission latency.

Signal interference will cause error amplification.

6.Connection Status

When the ground station is disconnected from the transmitter,

the message “Disconnected" will be displayed.

When the ground station is successfully connected to the transmitter,

the message "Connected" will be displayed.

7.VTX Temperature Status

Displays the current temperature data of the VTX.

Note that the over-temperature protection

mechanism will be triggered when the temperature reaches 100℃.

A temperature alarm prompt will appear at the top of the screen.

Excessively high temperatures will cause the VTX to stop working.

8.VRX Storage Status

Displays the ground station memory status and remaining capacity.

When a memory card is detected, the memory card icon will turn green.

A red circle flashes as a prompt during recording,

and the red circle disappears when not in recording mode.

If the memory status cannot be detected,

the memory card icon will be displayed with a white background.

When the memory card storage space is insufficient,

the storage space data will not be displayed.

9.VTX Latency

Displays the signal strength of images captured by the VTX camera and VRX where dBm is the unit of the Received Signal Strength Indicator (RSSI).

Precautions

1. Before powering on, please install all antennas to avoid damage to components.

2. If you use it with other 5.8G devices at the same time,

please choose adifferent channel.

Upgrade

1.Copy the upgrade files for the VTX and VRX
to the root directory of the TF card.
It is recommended to format the TF card
using the VTX for proper recognition.
Ensure the firmware names are:
"A1_SKY_S1P_v2.0.0_20260402"和"A1_GND_SD10P_v2.0.0_20260402"

2.Keep the VTX and VRX connected wirelessly.
Insert the TF card into the VRX and confirm it is recognized.
(The icon in the lower-right corner will turn green and show capacity.)

3.Go to【Settings】>【System】>【System Upgrade】
and confirm in the pop-up menu.

4.Wait for the upgrade to finish.
A prompt will appear to reboot both devices.
The new firmware takes effect after reboot; re-pairing is required.

5.The two devices can be upgraded separately.
Only the device with corresponding firmware
on the TF card will be upgraded.

6.To check the current firmware version,
go to【Settings】>【System】>【Device Information】

VRX Specification

Name	SteadyDigital 10 PRO VRX
Communication Frequency	5.340GHz-5.917GHz
Communication bandwidth	5MHz
Sd Card	Support 1TB
Type-C	For firmware version upgrade
HDMI port	Noraml HDMI
Power Input	8-30V
Weight	80.1g
Dimension	104.4mm x 16.4mm x 59.1mm

Antenna Specification

Polarization	LHCP
Frequency range	5.725-5.850GHz
Average Gain	3.71dBi
Input Impedance	50Ω
VSWR	≤1.5
Interface	SMA-1
Weight	16.1g
Dimensions	100mm

Polarization	Linear polarization
Frequency range	5.725-5.850GHz
Average Gain	8dBi
Input Impedance	50Ω
VSWR	≤1.5
Interface	SMA-1
Weight	19.1g
Dimensions	40mm

SKYZONE Support
email:daniel@skyzonehobbies.com
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