

SKYPLAY-MX Installation and Operation Guide



Important Safety Instructions

- **Please completely read and verify you understand all instructions in this manual before operating this equipment.**
- Keep these instructions in a safe, accessible place for future reference.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Use only accessories specified or recommended by Intelix.
- Explanation of graphical symbols:
 - Lightning bolt/flash symbol: the lightning bolt/flash and arrowhead within an equilateral triangle symbol is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product enclosure which may be of sufficient magnitude to constitute a risk of shock to a person or persons.
 - Exclamation point symbol: the exclamation point within an equilateral triangle symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.
- **WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE AND OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD NOT BE PLACED ON THIS APPARATUS.**
- Use the mains plug to disconnect the apparatus from the mains.



- **THE MAINS PLUG OF THE POWER CORD MUST REMAIN READILY ACCESSIBLE.**
- Do not defeat the safety purpose 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 is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of your obsolete outlet. **Caution! To reduce the risk of electrical shock, grounding of the center pin of this plug must be maintained.**
- Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and the point where they exit from the apparatus.
- Do not block the air ventilation openings. Only mount the equipment per Intelix's instructions.
- Use only with the cart, stand, table, or rack specified by Intelix or sold with the equipment. When/if a cart is used, use caution when moving the cart/equipment combination to avoid injury from tip-over.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- **Caution! Shock Hazard.** Do not open the unit.

Refer 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.



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Overview

The Intelix SKYPLAY-MX improves upon the existing wireless HDMI by ensuring source to destination compatibility with full HDCP-compliance. The SKYPLAY-MX wireless distribution is designed specifically for professional grade audio-visual installations.

The SKYPLAY-MX distributes HDMI high-definition audio and video up to 100 feet in both point-to-point point-to-many, and many-to-point configurations. Each transmitter is compatible with up to 4 receivers and each receiver can be paired to switch up to 4 transmitters.

WHDI and AES 128-bit encrypted processing ensure the integrity of digital signals and real-time processing (less than one frame), whether transmitting in open spaces or through light construction, such as framed drywall walls.

Package Contents SKYPLAY-MX-S

Please verify the following items are in the shipping box prior to installation of the SKYPLAY-MX-S.

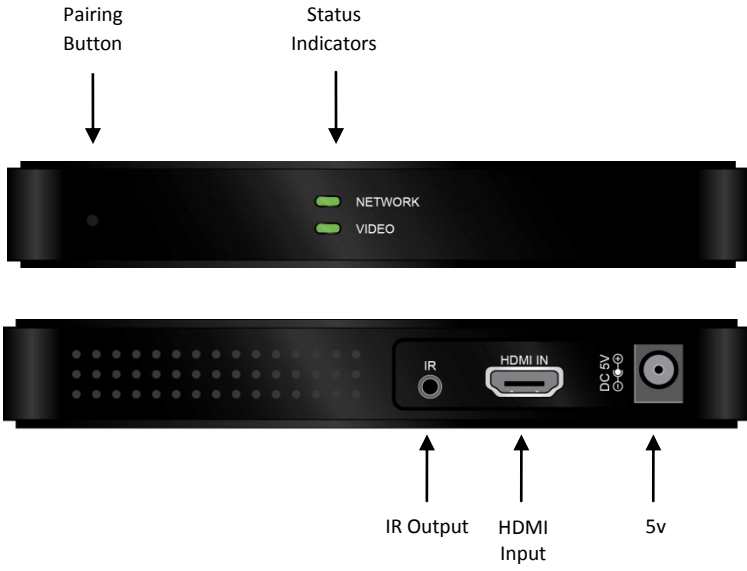
- 1 ea SKYPLAY-MX-S Wireless HDMI Transmitter
- 1 ea IR Emitter
- 1 ea Desktop Stand
- 1 ea HDMI Cable
- 1 ea 5V DC Power Supply
- 1 ea SKYPLAY-MX Installation and Operation Guide

Package Contents SKYPLAY-MX-R

Please verify the following items are in the shipping box prior to installation of the SKYPLAY-MX-R.

- 1 ea SKYPLAY-MX-R Wireless HDMI Receiver
- 1 ea Desktop Stand
- 1 ea HDMI Cable
- 1 ea 5V DC Power Supply
- 1 ea Infrared Remote Control
- 1 ea SKYPLAY-MX Installation and Operation Guide

SKYPLAY-MX-S



Pairing Button – Recessed button for use when pairing a Transmitter and Receiver.

Status Indicator “Network” – LED will be on when successfully connected. LED will be blinking during pairing. LED will flash rapidly indicating an error has occurred.

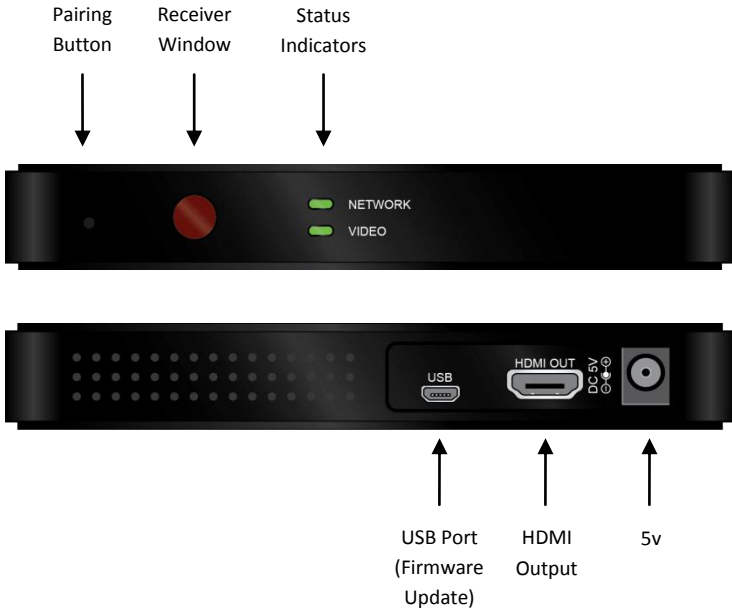
Status Indicator “Video” – LED is on when video is being transmitted.

IR Repeater Output – IR signals from the Receiver are output to the source device.

HDMI Input – Receptacle for Connection to HDMI Source

5V DC Input – Power Supply input 5vDC 2a

SKYPLAY-MX-R



Pairing Button – Recessed button for use when pairing a Transmitter and Receiver.

IR Receiver Window – IR receiver for sending IR commands to OSD or to remote source.

Status Indicator “Network” – LED will be on when successfully connected.

Status Indicator “Video” – LED is on when video is being received.

USB Port – For use with firmware update only.

HDMI Output –Receptacle for connection to Display

5V DC Input – Power Supply input 5VDC 2a

IR Remote

The included IR remote performs all of the pairing and source selection operations of the SKYPLAY-MX wireless HD distribution system.



	1. Enter the main menu
	2. Return to previous menu
	3. ENTER [Select Video Source]
	4. Operate for up, down, left and right directions on the menu screen
	5. Press OK to confirm the operation
	6. Enter [Remove Video Source]
	7. Enter [Add New Video Source]
	8. System powering down
	9. Connect to 1st Video source
	10. Connect to 2nd Video source
	11. Connect to 3rd Video source

Installation Instructions

Shelf Mounting Instructions

Mount the SKYPLAY-MX in the desktop stand with the vent holes down. Proper orientation will result in the power cable being down near the base and will ensure proper passive ventilation. Improper mounting can cause the device to overheat and temporarily malfunction.



SKYPLAY-MX-S
Mounting Front
View



SKYPLAY-MX-S
Mounting Rear
View



SKYPLAY-MX-R
Mounting Front
View



SKYPLAY-MX-R
Mounting Rear
View

Setup and Pairing

Point-to-Point

To pair a receiver and transmitter:

1. Mount the transmitter and the receiver in the desktop stand for proper ventilation. (See Shelf Mounting Instructions)
2. Connect an HDMI cable from the HD Source to the SKYPLAY-MX-S transmitter.
3. Connect an HDMI cable from the SKYPLAY-MX-R receiver to the HD display.
4. Power on both the transmitter and receiver.
5. Point the IR remote at the SKYPLAY-MX-R receiver and **Press** the “Add” button.
6. The On-Screen Display shows “Please Activate the Registration on Transmitter Unit”.
7. Use a paperclip to **Press and Hold** the *Pairing Button* on the front of the SKYPLAY-MX-S transmitter unit the *Network* LED begins to blink.
8. Wait for the On-Screen Display to display the “Adding ...” message.
9. **Press** the “OK” button on the IR Remote to confirm the addition of the receiver.
10. Wait for the pairing to complete, screen may flash during pairing this is normal.
11. Setup is complete.

Point-to-Many

The SKYPLAY-MX-S supports the ability to connect up to 4 receivers at a time. In order to setup point-to-many installations it is easiest to pair one receiver to the transmitter at a time.

1. Mount the transmitter and all of the receivers in their desktop stand for proper ventilation. (See Shelf Mounting Instructions)
2. Connect an HDMI cable from the HD Source to the SKYPLAY-MX-S transmitter.
3. Connect HDMI cables from the SKYPLAY-MX-R receivers to their respective HD displays.
4. Power on the transmitter.
5. Power on only one receiver at a time for ease of installation.
6. Point the IR remote at the SKYPLAY-MX-R receiver and **Press** the “Add” button.
7. The On-Screen Display shows “Please Activate the Registration on Transmitter Unit”.
8. Use a paperclip to **Press and Hold** the *Pairing Button* on the front of the SKYPLAY-MX-S transmitter unit the *Network* LED begins to blink.
9. Wait for the On-Screen Display to display the “Adding ...” message.
10. **Press** the “OK” button on the IR Remote to confirm the addition of the receiver.
11. Wait for the pairing to complete, screen may flash during pairing this is normal.
12. In order to pair additional receivers to the transmitter, Power down the SKYPLAY-MX-R receiver.
13. Repeat steps 5 through 12 for each receiver.
14. Once all receivers have been paired to the transmitter power on all the receivers.
15. Setup is complete.

Multiple Transmitters on a Receiver (Many-To-Point)

To pair additional transmitter to a receiver:

1. Mount the transmitter and the receiver in the desktop stand for proper ventilation. (See Shelf Mounting Instructions)
2. Connect an HDMI cable from the HD Source to the SKYPLAY-MX-S transmitter.
3. Connect an HDMI cable from the SKYPLAY-MX-R receiver to the HD display.
4. Power down other SKYPLAY-MX devices for ease of installation.
5. Power on both the transmitter and receiver to be paired.
6. Point the IR remote at the SKYPLAY-MX-R receiver and **Press** the “Add” button.
7. The On-Screen Display shows “Please Activate the Registration on Transmitter Unit”.
8. Use a paperclip to **Press and Hold** the *Pairing Button* on the front of the SKYPLAY-MX-S transmitter unit the *Network* LED begins to blink.
9. Wait for the On-Screen Display to display the “Adding ...” message.
10. **Press** the “OK” button on the IR Remote to confirm the addition of the receiver.
11. Wait for the pairing to complete, screen may flash during pairing this is normal.
12. Setup is complete.

EDID Management

The SKYPLAY-MX automatically handles EDID management. The transmitter will request the EDID for all of the active connections. The transmitter then finds the highest compatible signal type for all active wireless connections. The transmitter then uses this as the system EDID for the source to properly output a supported signal type.

On-Screen Menu

The SKYPLAY-MX generates an On-Screen Display (OSD) for handling the pairing and status of the device.

Overview of OSD

The On-Screen Display allows users to Add, Remove and Rename Sources. There is also a Status area for additional information.



Adding Sources

To add a new Video Source, refer to the *Setup and Pairing* section of the installation manual.

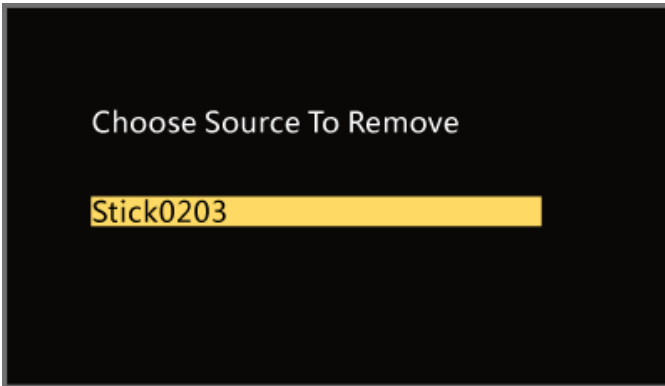
Removing Sources

To remove a source, follow the instructions below:

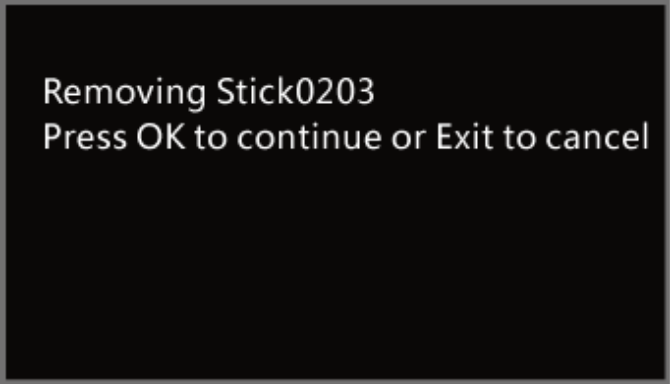
1. Using the IR Remote hit the “Menu” button.
2. Arrow down to the “Remove Video Source” selection.



3. Press “OK”.
4. Choose the source to remove using the “Up” and “Down” arrow buttons.



5. Press “OK”.
6. Confirm Removing of the selected source by using the “OK” button, or cancel the selection by using the “Exit” button.



Removing Stick0203
Press OK to continue or Exit to cancel

7. A screen will appear showing that the remove operation is in progress.



Removing Stick0203..

8. You have removed the source and now are at the Main Menu.

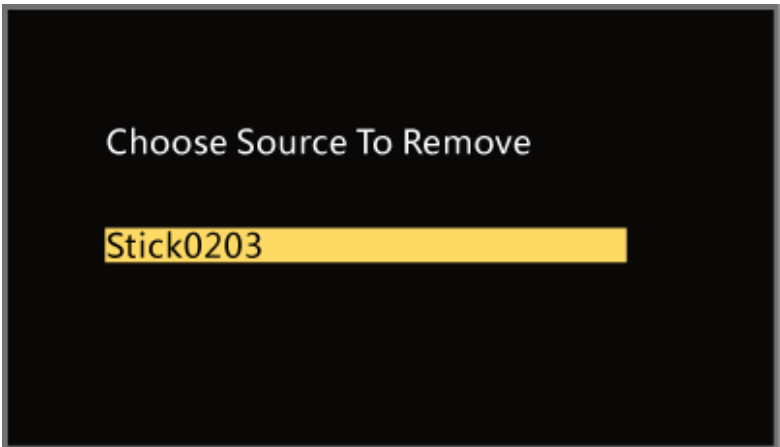
Renaming Sources

To rename a source, follow the instructions below:

1. Using the IR Remote hit the “Menu” button to bring up the OSD menu.



2. Arrow down to the “Modify Video Source Name” selection.
3. Press “OK”.
4. Choose the source to rename using the “Up” and “Down” arrow buttons.



5. Press “OK” to select the source.
6. Use the “Left” and “Right” buttons to change the current position of the cursor. Use the “Up” and “Down” buttons to change the character in the current cursor position.



7. Press “OK” to save the modified name.

Quick Source Selection

The IR Remote allows for source selection without having to enter the OSD for sources 1-3.

To use the Quick Selection Feature hit the “1”, “2” or “3” button at the bottom of the IR Remote.



Remote Control

Troubleshooting

SKYPLAY-MX will not pair

Verify power outlet is active.

Verify continuity in power cable.

Verify that both transmitter and receiver are powered on.

Verify that pairing units are the only SKYPLAY-MX devices currently powered on.

Distance issue – bring the transmitter (TX) and receiver (RX) closer together, reduce the amount of solid walls between the TX and RX.

No Signal at TV

Verify that both the transmitter and receiver are powered on.

Verify that the source is powered on.

Verify that the TV is powered on.

Verify the HDMI cable between the source and transmitter.

Verify the HDMI cable between the receiver and the tv.
Reboot the receiver.

Abnormal Color or Noise on the TV

Unplug and then re-plug the HDMI cable between the receiver and the TV.

Unplug and then re-plug the HDMI cable between the source and the transmitter.

HDCP error, verify the source and destination equipment are HDCP compliant.

Distance issue – bring the transmitter (TX) and receiver (RX) closer together, reduce the amount of solid walls between the TX and RX.

No Audio

Verify the mute and audio volume setting on the TV.
Audio format setting on the source is incompatible with system. Change the source to output PCM 2.0, DTS or Dolby Digital.

IR Remote Issues

Verify the IR emitter is plugged into the transmitter.
Verify the remote batteries.
Verify the alignment of the IR emitter with the IR window on the front of the source equipment.
Verify there is no fluorescent lighting or radiation interfering with the IR signals at either the receiver or the transmitter.

Technical Specifications

Technical Specifications	
I/O Connections	
HDMI Input (SKYPLAY-MX-S)	One (1) HDMI Type A Receptacle Connector
HDMI Output (SKYPLAY-MX-R)	One (1) HDMI Type A Receptacle Connector
IR Repeater (SKYPLAY-MX-S)	One (1) 2.5mm (3/16") TS Male Connector
5V DC Power (Both)	One (1) 5.5mm Outside Diameter, 2.1mm Inside
Supported Audio and Video	
Video Resolutions	480i, 480p, 576i, 576p, 720p, 1080i, 1080p and VESA up to 1920X1080
Color Depth	30-bit
Audio	PCM 2.0, DTS and Dolby Digital
Signal Characteristics	
Wireless Transmission Technology	Amimon Pro
Standard Protocol	HDMI 1.3
HDCP	Yes
Signal Bandwidth	40MHz
Transmission Rate	3 Gbps / 4.47Gbps (depending on resolution)
Operating Frequency	5GHz Unlicensed Band (U-NII-1 & U-NII-3)
TMDS	0.5 – 1.5 volts p-p
DDC	5 volts p-p
System Latency	<1ms
IR Frequency	38KHz
Chassis and Environmental	
Material	Black Plastic
Dimensions	148mm x 97mm x 18mm (5.83 in. x 3.82 in. x 0.71
Shipping Weight	0.91 kg (2 lbs.)
Operating Temperature	-10° to +40° C (+14° to +104° F)
Operating Humidity	15% to 85%, Non-condensing
Storage Temperature	-20° to +80° C (-4° to +176° F)
Storage Humidity	15% to 85%, Non-condensing
Power, ESD, and Regulatory	
Power Supply	5VDC 2A
Power Consumption	8 watts
ESD Protection	15kV
Regulatory	FCC, CE, RoHS
Other	
Warranty	2 years
Diagnostic Indicators	Network status and Video indicator LEDs

FCC Statement

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 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. To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

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

Caution Statement

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

Thank you for your purchase.

Please contact us with your questions and
comments.

Intelix

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