

# HXU-1 Installation Overview

Be Prepared: Download SCP software from our included CD.

## Getting Started

Pick a simple ID scheme for all of your HXU devices.

Set each Tx to a different 'channel' using the rotary dial on the unit.

Connect your system leaving the HDMI cables between your sources and HXU-1 Tx(s) unplugged.

Power Up your system.

Set each HXU-1 Rx to a different 'channel' using the Channel + and - buttons on the Rx unit, or with the factory remote (confirmation appears on-screen).

## Record Device IPs

At the bottom right of each display will appear:

Local IP – This is the HXU-1Rx connected to the Display you're viewing.

Remote IP – This is the HXU-1Tx whose 'channel' you have selected (source).

Write these down and associate them with their respective devices (HXU-1Tx(s) and Rx(s)).

## Additional IP Details

Connected computers, network switch, and wireless access points all require IP address review.

TE's HXU-1 Default IP Scheme is as follows-

IP addresses = 169.254.\*.\*

Subnet Mask = 255.255.0.0

Default Gateway = 169.254.0.254

Set Network Switch, Connected Computers, and Wireless Devices to an IP address within the parameters above, but not duplicating any HXU-1 Tx or Rx.  
<I recommend taking a snapshot of your standard settings prior to changing you computer's IP>

## Switch and HXU-1 Settings

Once your: PC, network switch, wireless access point, and HXU-1Tx/Rx are set to the same IP scheme; you're ready to continue.

### Switch settings

- You must enable IGMP Snooping.
- Confirm Jumbo-Frame is enabled.
- If you're comfortable, set QOS priority on the ports to which you've connected HXU-1Tx and Rx.
- Save Configuration if applicable.

### HXU-1 settings

At this time you will likely need to connect those HDMI source cables.

With your browser, enter the IP address of an HXU-1

- Click the 'Network' tab and scroll down.
- You must select 'Multicast' and apply.
- If using USB, check the box.

This change will require a re-boot.

- Click the 'System' tab and select 'Utilities'.
- Find and click 'Reboot' at the top of the page.

Repeat this for each HXU-1Tx and Rx

## Controlling the Matrix

SCP (Stream Control Panel) is a simple to manage / organize your HXU-1 network as well as to control it!

- Enter each HXU device's IP address to: name, number, and describe the unit. Plus, easily create groups of devices and party functions. This also makes it an ideal configuration record!

### RS232

Connect 1 RS232 comm port of your control system to any 1 HXU-1Tx, and signal will be repeated to every device on the matrix network.

## IR

Each HXU-1Tx must be 'flashed'.

Each HXU-1Rx must flash itself (emitter included)

Or using included 3.5mm phono adapter,  
connect any Xantech compatible single/dual  
emitter, or a connecting block.

Console API commands are available upon request for  
custom computer control programming.

### iOS/Android App

You will find links for our iOS and Android Apps on  
the CD included with each HXU-1Tx/Rx.

While we Do Not recommend this for your primary  
control system, it is fun and is a terrific  
compliment to a full control system.

Drivers and Modules for most major control systems are  
currently under way and will be available soon.

Basic and extended commands are currently available on the  
support page of our website.

RS232 protocols and responses as well as IR Macro building  
instructions and examples can be found in owner's manual.