QUICK START GUIDE

AVoIP HDMI/VGA
Encoder(Tx)- LBN-MST
Decoder(Rx)- LBN-MSR
Controller- LBN-MSC
STEP 1: CONNECTING THE HARDWARE

1. Connect the Ethernet Port on the PC/Laptop Computer using a Category 5 (CAT5) Unshielded Twisted-Pair (UTP) cable to any available Ethernet Port on the Network Switch.

2. Connect the Ethernet Port on the AVoIP Controller to any available Ethernet Port on the Network Switch. Use a CAT5 UTP cable terminated with a RJ-45 connector to make the connection.
**STEP 1: CONNECTING THE HARDWARE**

**3.** Connect each AVoIP Encoder to an RJ45 network port on the Switch front panel. Use Category 5 Unshielded Twisted-Pair (UTP) cable terminated with a RJ-45 connector to make these connections.

**Network Switch Front Panel**

![Network Switch Front Panel](image1)

**AVoIP Encoder Back Panel**

**AVoIP Encoder Back Panel**

**4.** Connect each AVoIP Decoder to an RJ45 network port on the Switch front panel. Use Category 5 Unshielded Twisted-Pair (UTP) cable terminated with a RJ-45 connector to make these connections.

**Network Switch Front Panel**

![Network Switch Front Panel](image2)

**AVoIP Decoder Back Panel**

**AVoIP Decoder Back Panel**
**STEP 2: POWERING UP THE DEVICES**

Power Over Ethernet (PoE) allows you to supply power to the AVoIP Encoders and Decoders via a PoE-enabled Network Switch, removing the need for additional power supplies at each location.

5. Connect the supplied AC Power Cord to the power recepticle on the back of the switch and the other end to a power source such as an electrical outlet or surge protector.

![Network Switch Back Panel](image1)

6. Connect the supplied Power adapter to the 19V Power Port on the back of the AVoIP Matrix Switching Controller and the other end to a power source such as an electrical outlet or surge protector.

![AVoIP Matrix Switching Controller Back Panel](image2)

! Allow 1-2 minutes for the Switch and Controller to initialize to supply power to all connected devices.

! You are now ready to connect Audio/Video Sources to the HDMI or VGA Connector on the Encoder and Monitors/Displays to the AVoIP Decoder.
STEP 3: ACCESSING AND CONFIGURING THE SYSTEM

8 Open a web browser and enter the URL http://lbn1g-msx to access the WebGUI

9 The following AVoIP Controller Login Window Appear:

Enter the User Name and Password as provided:

Default User Name: admin
Default Password: Br0@data
STEP 3: ACCESSING AND CONFIGURING THE SYSTEM

10 The Routing Page will appears and displays all AVoIP Encoders and Decoders that have been added to the Network

![Routing Page Image]

11 Click on the Receivers or Transmitter tabs and you are now ready to configure the networked devices. Select the icon for each Encoder(Tx) and Decoder(Rx) to edit settings.

![Receivers Tab Image]