



Makito Encoder Setup Checklist

Congratulations on selecting a Makito encoder for your facility. This checklist will guide you through the complete process of getting your Makito set up.

Start with this list and follow these items in order to properly Setup your Encoder:

RECOMMENDED: Network Planning

If your facility's internal network is carefully structured, or has multiple LAN or WLAN levels, we strongly recommend completing this Network Planning portion.

- Coordinate with your IT Department or Network Engineer to obtain the following:
 - Static IP for the encoder
 - Recommended Subnet, Gateway, and DNS settings

Unbox the Makito

- Place the Makito in your production rack (or the location where it will be used)
- Verify the Makito is at room temperature

Connect the cables

- Connect an ethernet cable to the network port on the back of the Makito
- Connect a 3G-SDI cable to the SDI cable port
 - If your Makito is a 2-channel or 4-channel unit, use one of the provided SDI to Micro SDI conversion cables to connect your SDI cable to the Makito
 - Continue connecting 3G-SDI cables to the Makito as desired for additional inputs

- Store any unused converters in a secure location, or attach them to the remaining inputs on the back of the Makito
- LAST:** Plug your power cable(s) into the back of the encoder and then into your primary power source. We recommend that you plug this into an uninterruptible power supply (UPS) that is powered by your facility's primary power.

Access the Makito

- Using a computer that is on the same network and subnet as the Makito, open a browser window.
- Enter **10.5.1.2** into the address bar and hit enter
- If you get a message saying the site cannot be accessed, make the following adjustments to the computer's network settings:*
 - IP Address: 10.5.1.10
 - Subnet: 255.255.0.0
 - Gateway: 10.5.0.1
- The computer might alert you that the connection is not private. Go ahead and proceed to the site.
- Log into the Makito
 - Username: admin
 - Password: manager

Network Configuration

- Navigate to the Network Settings screen
- If you received Static IP details from your IT Department, enter the new IP Address, Subnet, and Gateway here
- Add at least one DNS setting
 - You can use any of the following public DNS servers:

8.8.8.8	1.1.1.1	208.67.222.222
8.8.4.4	1.0.0.1	208.67.220.220
- Click "Apply" and reboot the Makito

- Allow 2 minutes for the reboot to complete

Confirm Access to the Makito

- Open a new browser or tab and enter in the new IP address for the Makito
- Use the username and password above to log in.
- If you are unable to access the Makito, contact your IT Administrator or Network Specialist for assistance

Contact Sardius Support to complete the configuration

- Email **support@sardius.media** to schedule a complimentary training and configuration session
- OPTIONAL*: Pair your Makito with the Sardius Control Panel
- OPTIONAL*: Learn more about your Makito and the best practices we recommend for its use

Pairing Instructions: <https://support.sardius.media/knowledge-base/pair-a-makito-encoder>

Makito Documentation:

<https://support.sardius.media/knowledge-base/hardware#makito-encoder>