MEDIA INTERFACE | NSM

Quick Start Guide
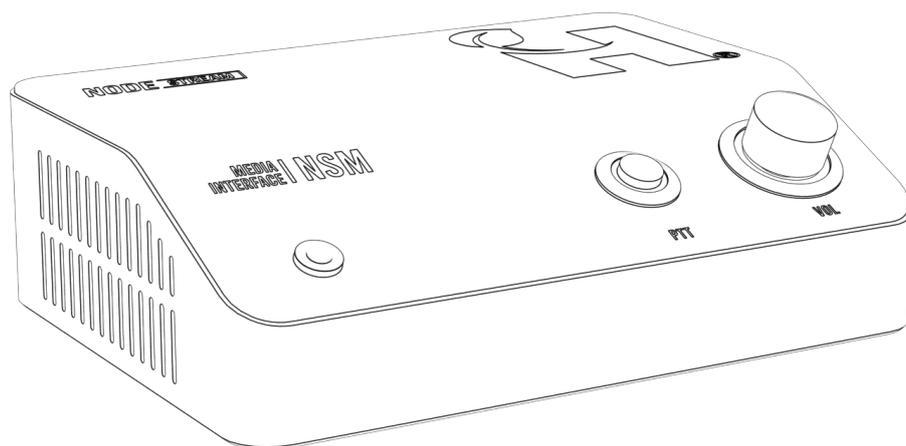
NODESTREAM X

Welcome to the Nodestream Mini (NSM)

Please read these instructions carefully before using this product, and save this quick start guide for future use. See the User Manual for full details via the QR code on the back page.

Video and two-way audio streaming solution

| Video Source | NSM (or other Harvest Encoder) | NSM (or other Harvest Decoder) | Monitor |
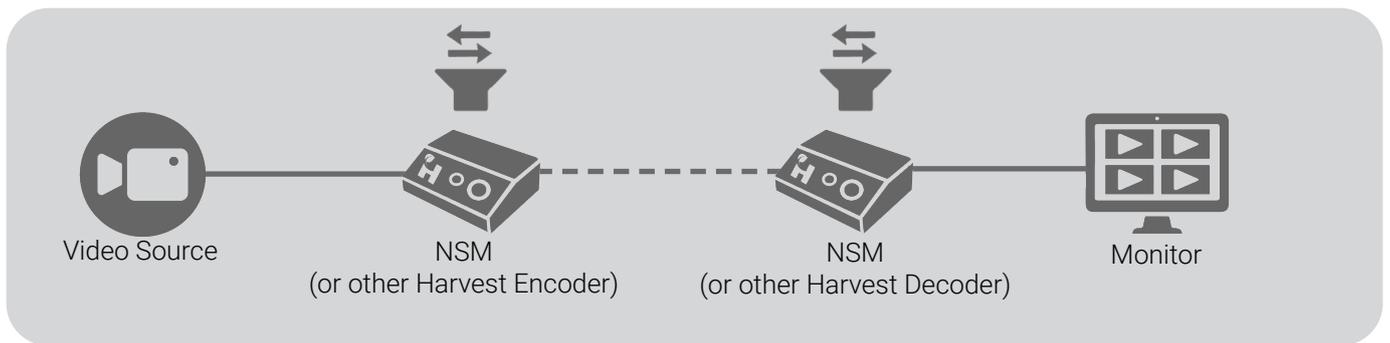
In the Box

Nodestream Mini

WiFi Antenna
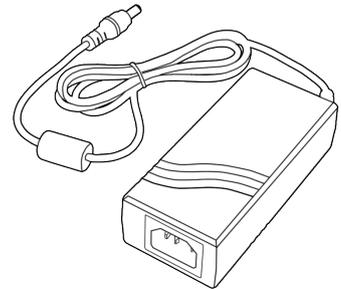
12V PSU
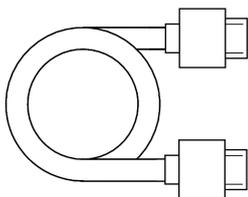
2 x HDMI Cable
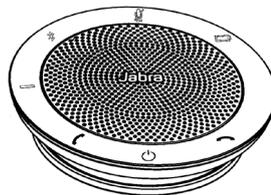
USB Speakerphone
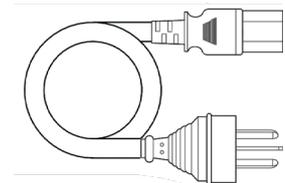
Power Cable (Region specific)

Overview

Connections
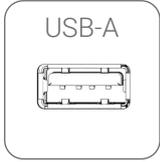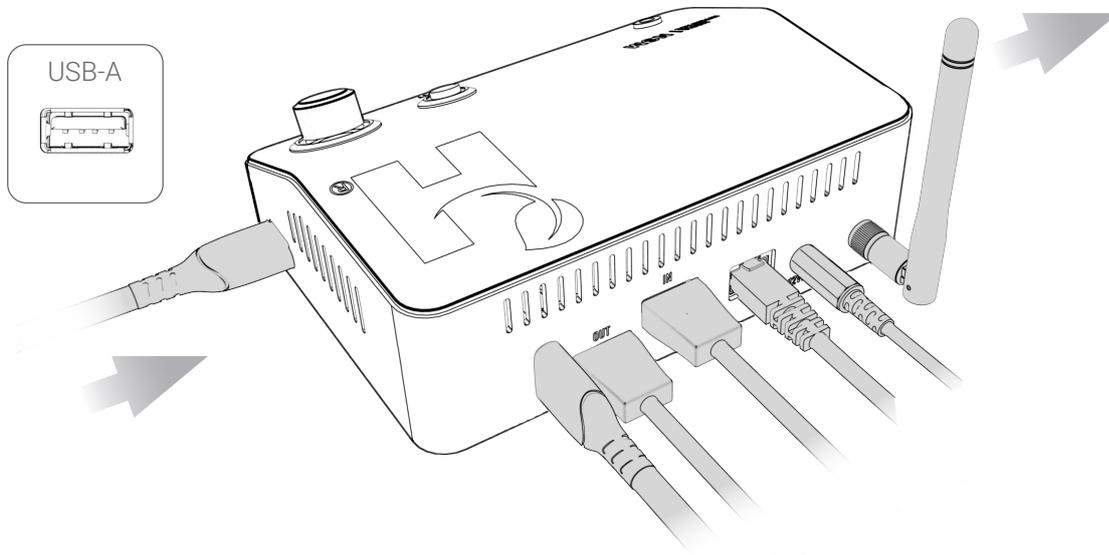
| USB-A | HDMI out | HDMI in | Ethernet | DC in | WiFi antenna |
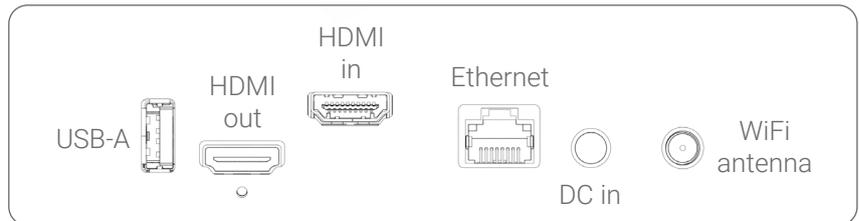
⚠ Ensure adequate spacing to allow cooling air to travel through vents as shown by the arrows

User Interface
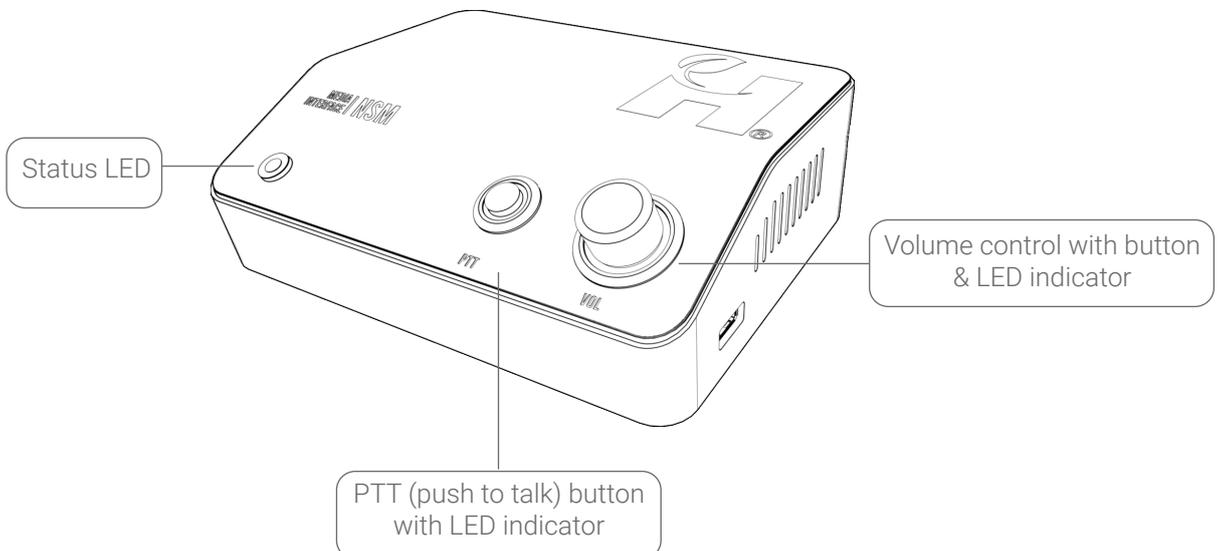
Status LED

PTT (push to talk) button with LED indicator

Volume control with button & LED indicator

Operation

Status LED

- 🔵 Power on (blue)
- 🟢 Video connection (green)
- 🔴 Network issue (red)
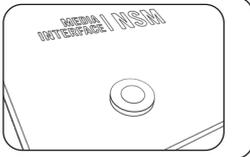
MEDIA INTERFACE | NSM

PTT (Push To Talk)
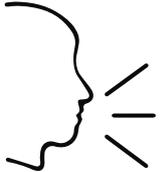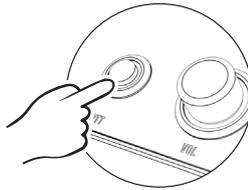
- ⚪ (Off) — Software not running
- 🔵 (Blue) — Software running
- 🟢 (Green) — Audio connection active, mic muted
- 🔴 (Red) — Audio connection active, mic open

Press and Hold

Start talking	LED Red	🔴
Release to mute	LED Green	🟢

Open Mic

Press 3 times to open mic	LED Red	🔴
Press for 1 second to mute	LED Green	🟢

VOL (Volume)

Press to toggle audio devices

- 🔵 (Blue) — Speaker
- 🔴 (Red) — Microphone
- 🟢 (Green) — Monitor
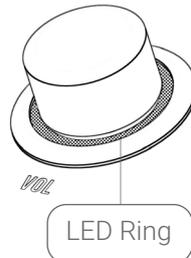
LED Ring

Volume

Increase - CW

Decrease - CCW

Mute - CCW until LED chases

- +

Factory Reset

Approximately 10 seconds

Press & hold PTT & VOL buttons → VOL LED 🔴 (Increasing pulses) → VOL LED 🔴 (solid) → Release PTT & VOL buttons

📄 Device will reset to factory default user login and network settings

Configuration

Accessing Web UI

Initial network configuration is required via Web UI to set as DHCP or static

1. Open Web UI

    ### Via a computer on the same network

    Connect your device to your LAN and power it up

    DHCP Enabled Network

    From the web browser of a PC connected to the same LAN, navigate to:
    device serial.local - e.g. au2240nsmx1a012.local, or the IP address of the device

    Non DHCP Enabled Network

    Configure the IPv4 network settings of a PC connected to the same LAN to:

IP	192.168.100.102
Subnet	255.255.255.252
Gateway	192.168.100.100

    From a web browser, navigate to: 192.168.100.101

    > • Device will "fall back" to a static IP address when not connected to a DHCP enabled network - approximately 30 seconds after boot
    >
    > • Due to the possibility of conflicting IP addresses, only 1 device can be configured at a time. Once configured, the device can remain connected

    ### On the device

    Connect the the device to your LAN, monitor, USB keyboard/mouse and power it up. Wait for boot to complete, then press alt+F1

2. Login in to Web UI:

    Default username = **admin**   Default password = **admin**

3. Configure device network settings as provided by your Network Administrator

4. If required, enter your Enterprise Server ID & key on the "System" page

5. Once configuration is complete, your device will show online in the Harvest Control application

> ℹ️ **User Manual**
>
> Refer to the device User Manual for additional information.

> ⚠️ Nodestream devices require specific firewall settings to be in place. Refer to the User Manual for further information

User Resources

Contact and Support

Troubleshooting

Issue	Cause	Resolution
Device not powering	AC or DC not connected	Confirm AC connected to PSU (LED on PSU is illuminated) Confirm DC connected correctly at rear of device
	Faulty or incompatible PSU	Replace PSU
Video sources not displaying (when in encoder mode)	Source(s) not connected or powered on	Confirm video source(s) connected and powered on
No display output	Video output device not connected or powered on	Confirm video output device connected and powered on
"Server connection error" displayed Status LED RED	Network not connected Network settings incorrect Firewall blocking comms	Check Ethernet cable or WiFi is connected Check network settings, contact your network Administrator to diagnose network issues Ensure firewall settings correct, see User Manual
Forgot login or network details	N/A	Factory reset to defaults (see "Factory Reset" on page 4)

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