PITCH & CATCH
# **SHORTFORM MANUAL**
V0.1.14.2

- DISTRIBUTE BIT-PERFECT DIGITAL AUDIO (DOLBY, DTS, PCM) BETWEEN DEVICES OVER THE NETWORK.
- ANALOG STEREO AUDIO INPUT
- ANALOG STEREO AUDIO OUTPUT
- SPDIF PCM/5.1 AUDIO OUTPUT
- OPTICAL PCM/5.1 AUDIO INPUT
- ETHERNET PORT, ID BUTTON AND INDICATOR.
- DESIGNED FOR ARC (OPTICAL INPUT), SPDIF, AND ANALOG AUDIO DISTRIBUTION.
- COMPRESSED AND NON-COMPRESSED DISTRIBUTION.
- SIMPLE DIY NETWORK SETUP USING BASIC PAIRING.
- DESIGNED TO BE COST EFFECTIVE.
- LOW LATENCY END TO END .
- DESIGNED FOR ETHERNET (100M AND ABOVE).

UNITE AUDIO

PITCH

AUDIO INPUTS

ANALOG OPTICAL LAN
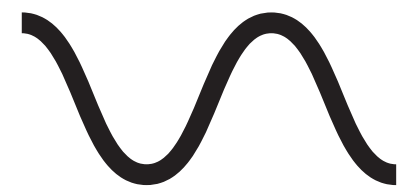
USB-C for power
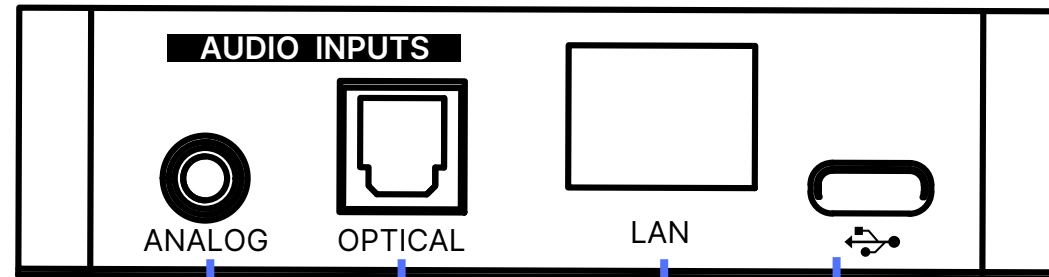
Ethernet for streaming and control. 100mb. PoE*.

TOS link optical digital audio input(PCM, DTS, Dolby 5.1 etc)

3.5mm Jack Stereo Analog input

LED:
FLASH(1sec): Pairing Mode
OFF: not paired.
ON: paired

ID PAIR

PAIRING button:

START PAIRING: Hold for 3sec to enter **pairing mode** then within 90sec press ID button on Catch to pair with this Pitch unit.

CLEAR PAIR: enter **pairing mode** then again press and hold this button for 3sec to clear existing pairing.
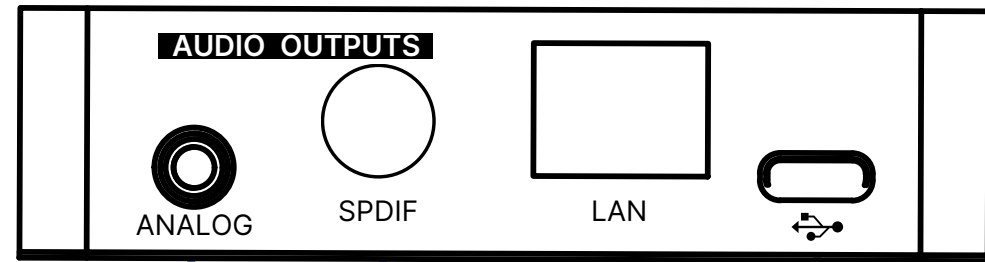
*PoE variants of the product are available.

UNITE AUDIO

CATCH

AUDIO OUTPUTS

ANALOG SPDIF LAN

USB-C for power

Ethernet for streaming and control. 100mb. PoE*.

SPDIF digital audio ouput(PCM, DTS, Dolby 5.1 etc)

3.5mm Jack Stereo Analog output. Outputs in parallel with SPDIF content, will automatically mute if SPDIF content is compressed format (such as Dolby 5.1)

LED:
SHORT BLINK: waiting audio.
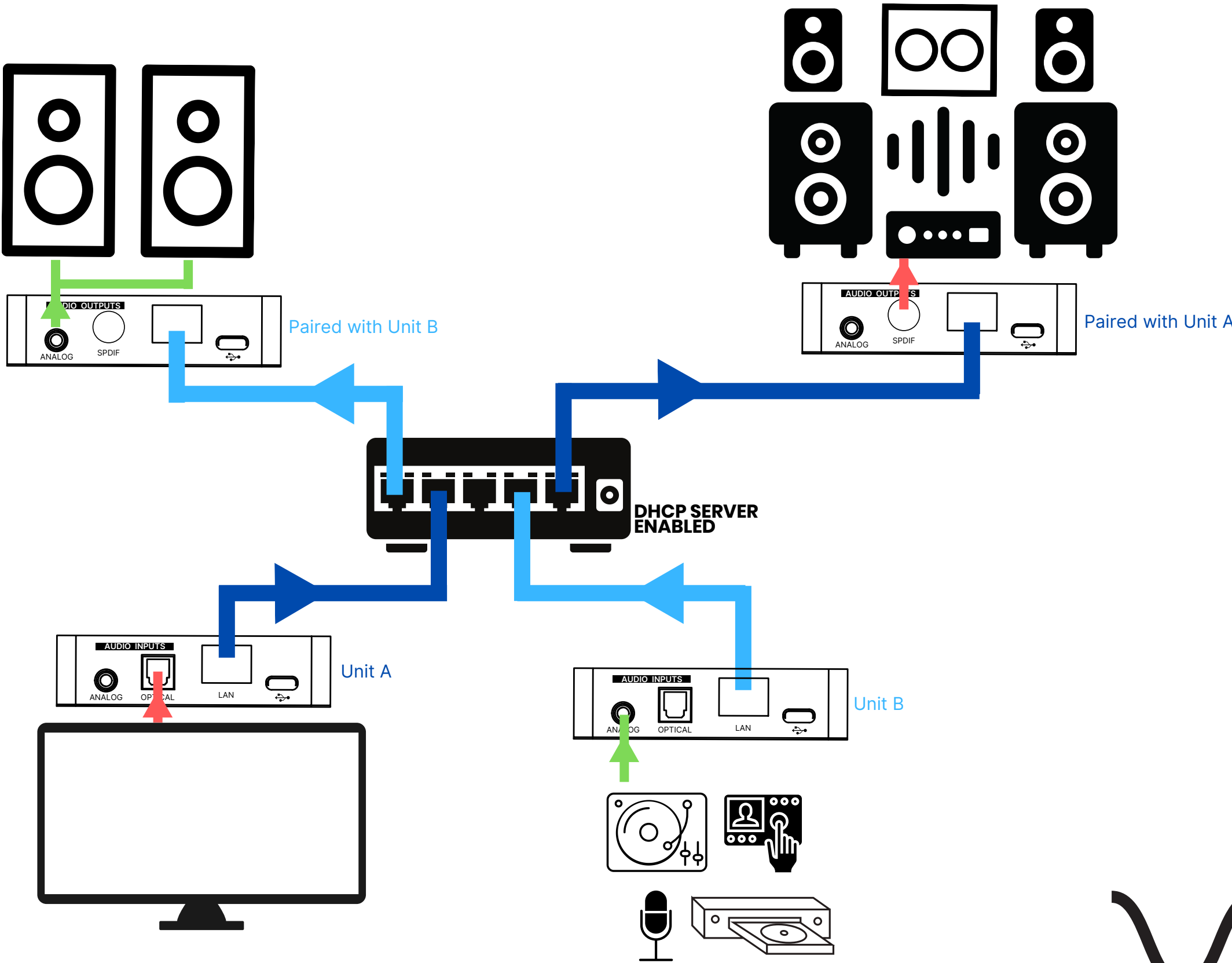SOLID ON: paired and audio.
.

ID

ID button:

COMPLETE PAIRING:
 While a Pitch unit is in **pairing mode** press this button (on Catch unit) to complete PAIRING.

*PoE variants of the product are available.

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EXAMPLE SETUP

Paired with Unit B

AUDIO OUTPUTS

ANALOG SPDIF

Paired with Unit A

AUDIO OUTPUTS

ANALOG SPDIF

DHCP SERVER
ENABLED

AUDIO INPUTS

ANALOG OPTICAL LAN

Unit A

AUDIO INPUTS

ANALOG OPTICAL LAN

Unit B

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SIMPLE PAIRING HOW TO

1. CONNECT AND POWER PITCH AND CATCH UNITS ON SAME NETWORK.

2. ENTER PAIRING MODE: **Hold PAIR button on Pitch for 3 seconds then release.**

PITCH
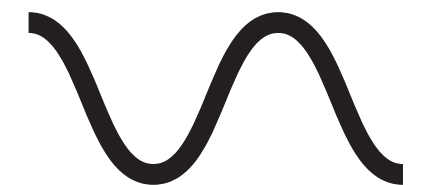
ID PAIR

PITCH LED:

PAIRED

NOT PAIRED

PAIRING WAIT FOR CATCH ID

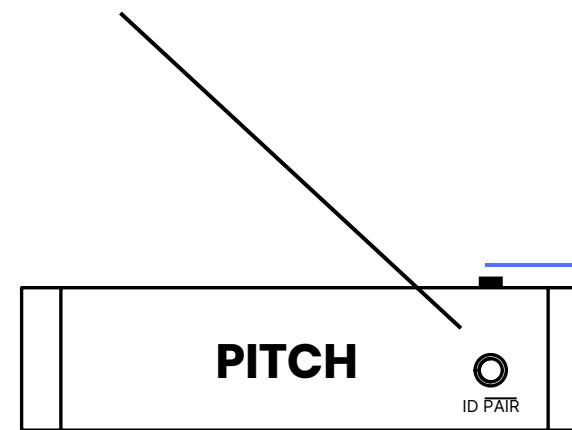3. COMPLETE PAIRING: **Press ID button on Catch.**

CATCH

CATCH LED:

PAIRED & AUDIO ACTIVE

NOT PAIRED

SHORT BLINK WAITING AUDIO

UNITE AUDIO

CANCEL EXISTING PAIRING HOW TO

1. ENTER PAIRING MODE: **Hold PAIR button on Pitch for 3 seconds then release.**

PITCH LED:
PAIRED
NOT PAIRED
PAIRING WAIT FOR CATCH ID

PITCH

ID PAIR

2. CANCEL EXISTING PAIR: While LED flashing **hold button on Pitch for 3 seconds again.**

PITCH

ID PAIR

UNITE AUDIO

TROUBLESHOOTING

BOOTING RED LED STATUS:

■ RED SOLID ON: WAITING FOR NETWORK

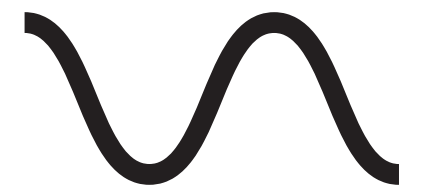▢▢▢ RED FAST BLINK: WAITING FOR DHCP IP ADDRESS FROM DCHP SERVER

■ BLUE: REFER TO PAIRING PAGES

Symptom: Unit LED stays flashing Red rapidly
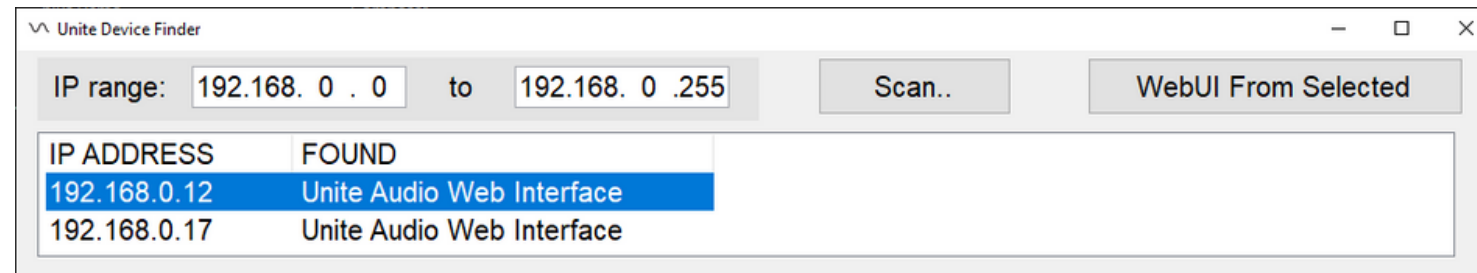**Probable Cause:** Unit cannot find DHCP server on network.
Solution: Please ensure the network has a DHCP server (or network switch with embedded DHCP server) enabled.

UNITE AUDIO

FIRMWARE UPDATE

1. Find IP address of Pitch or Catch. Use "Angry IP Scanner" app, OR Unite Device Finder:

2. In Web Browser Open WebUI with IP address found, i.e: **http://192.168.0.12**

3. In WebUI go to Firmware Update menu,
   - Make note of if unit is Pitch or Catch (see red circle text below).
   - Choose File (take care to select correct Pitch or Catch Firmware File),
   - Upload (wait 30sec),
   - then Reboot.