<u>System Installation Instructions</u>

<u>Please Note</u>

<u>All equipment packaging must be kept safe and in a new condition until the system is fully installed, tested and excepted by the client.</u>

<u>Any faulty equipment returned for repair or replacement must be supplied in original packaging and with accessories and documentation.</u>

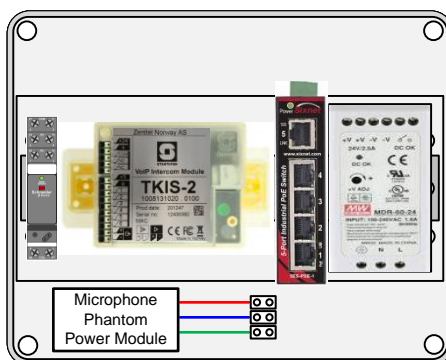# Seclusion Room Intercom with Music Option

Corridor Panel

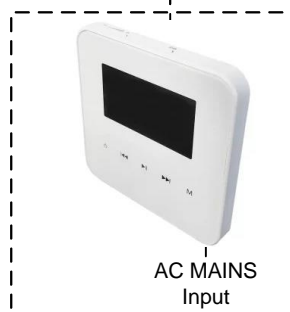Directory number 11
IP Address: 169.254.1.11

Intercom

Call

Press-hold to talk

Cancel
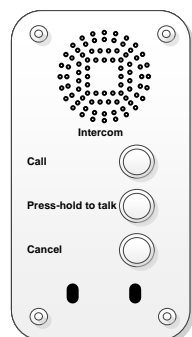
System Control Box

Directory number 10
IP Address: 169.254.1.10

Microphone Phantom Power Module

Zenitel Norway AS
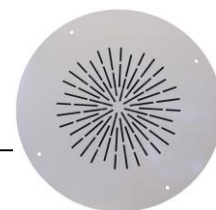VoIP Intercom Module
TKIS-2

Cat5/6

Mains Input Cable Gland

Important
Use Cable Gland to secure mains cable

AC MAINS Input

Seclusion Room

20 Ohm Loud Speaker

Omni Directional Microphone

XLR Connector

Installation
Corridor panel should be mounted with easy access to controls.
System Control Box can be mounted in the corridor ceiling, but may require access.
Cable between Control Panel and System Control Box is CAT5 cable.
Cable for microphone should be microphone cable, 2 core plus Screen.
The speaker requires 2 core speaker cable, use same type cable between Loops Music amp if fitted.

Recommendations
Microphone must be fitted where it can pickup speech and not equipment noise.

We suggest that the speaker and microphone are mounted at arm length apart so you can reach through the speaker aperture to mount the microphone, also you can make the connection for the microphone the the same aprature.

Operation
To communicate with the seclusion room, press the call button, then press and hold the middle button to talk to the patient, let go of the middle button to return to listen mode.

Patient cannot hear operator without the middle button being pressed.
When Pressing the middle button, The relay will cut music from Loops Music Interface (if fitted).

Music Interface Settings
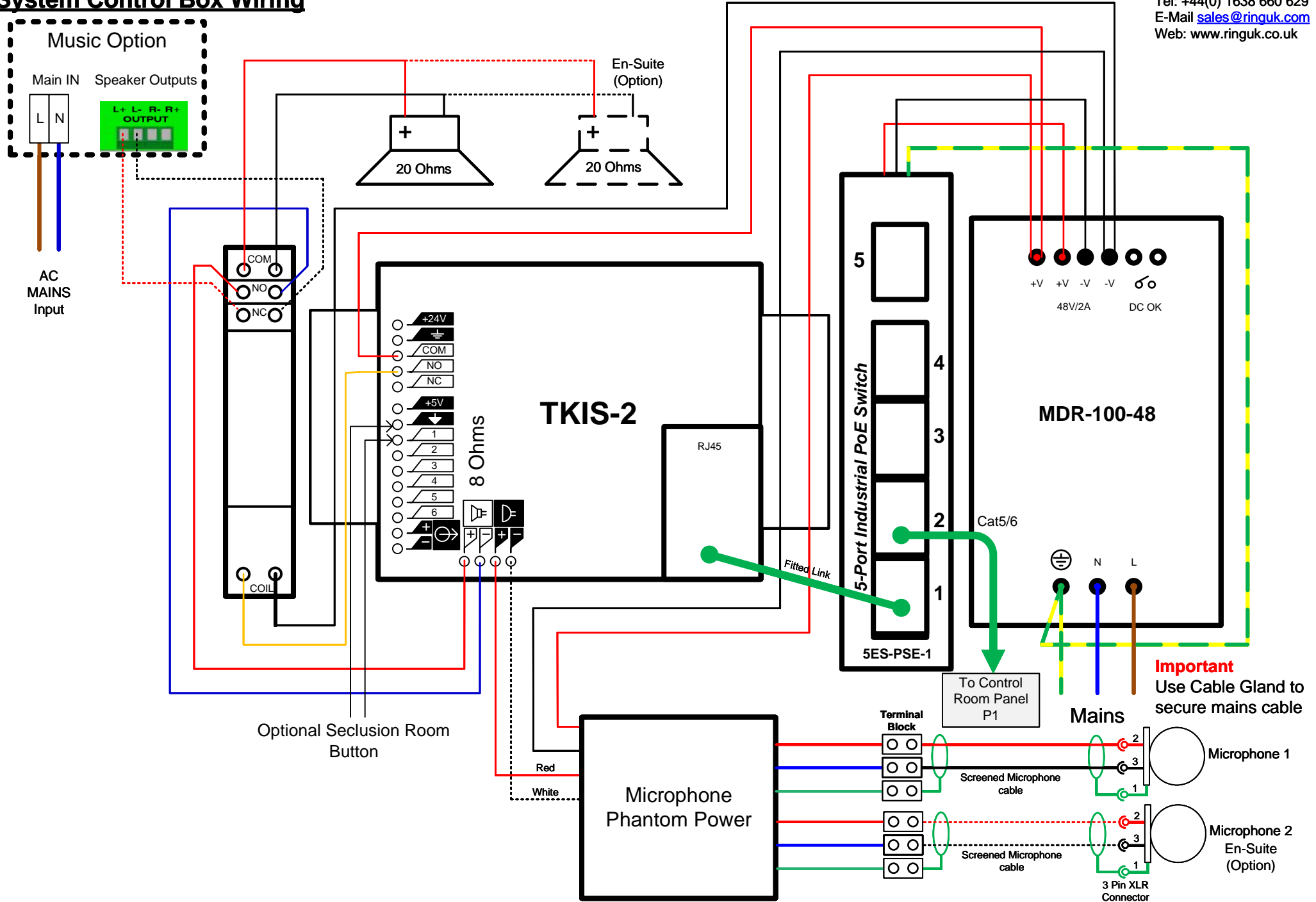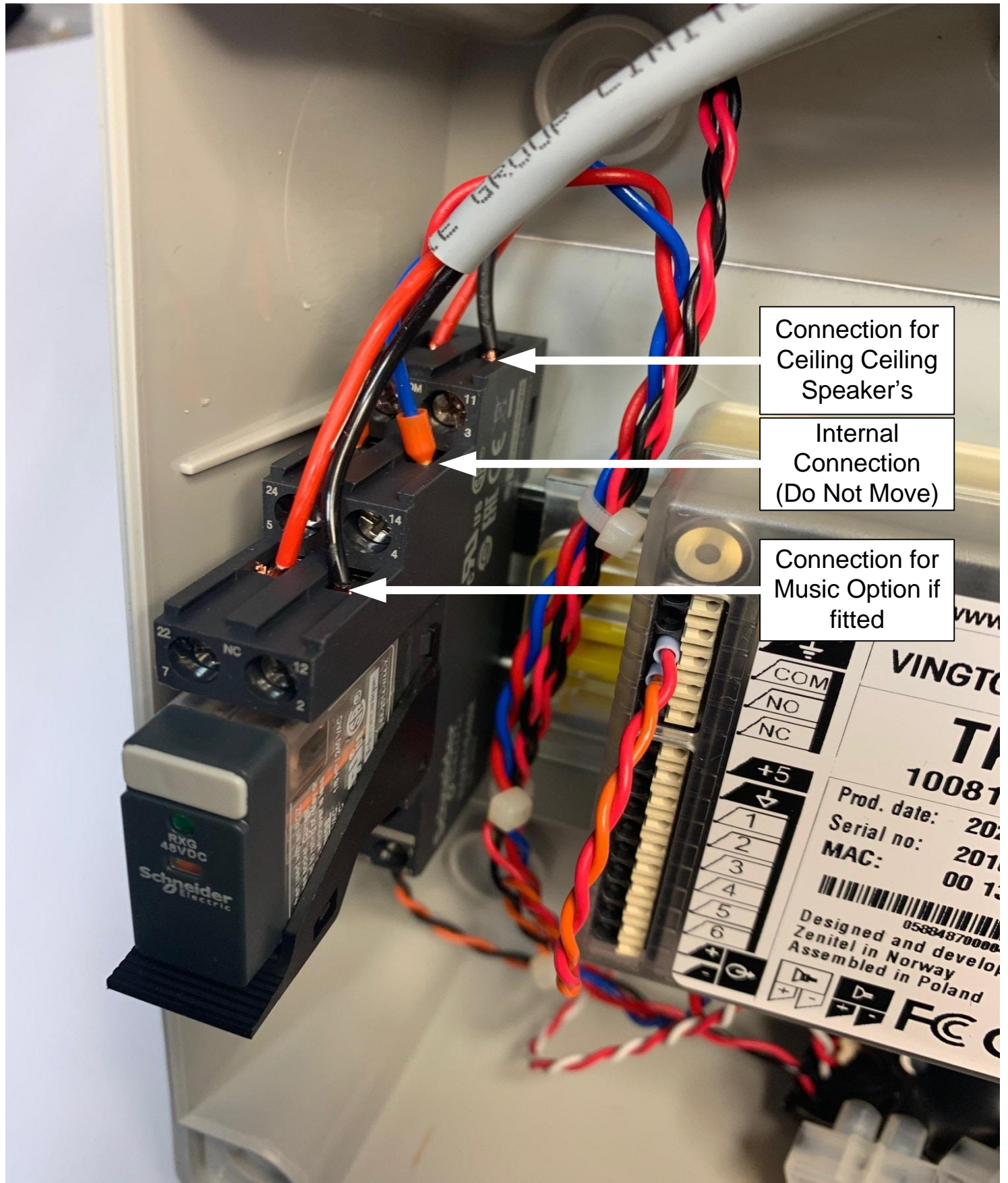See Loops Manual for operational instructions.

Close System
To cancel all communications (Switch OFF) press Cancel.
Music will still be heard from Avid to speaker.
Press ON/OFF button on Avid to turn OFF, then switch off music source.

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Tel: +44(0) 1638 660 629
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Web: www.ringuk.co.uk

RingCommunications

System Control Box Wiring

Music Option

Main IN   Speaker Outputs

L   N

L+ L- R- R+
OUTPUT

AC
MAINS
Input

En-Suite
(Option)

+
20 Ohms

+
20 Ohms

COM
NO
NC

COIL

+24V
COM
NO
NC
+5V
1
2
3
4
5
6
+
−

8 Ohms

TKIS-2

RJ45

Fitted Link

Optional Seclusion Room
Button

Red
White

Microphone
Phantom Power

5-Port Industrial PoE Switch

5
4
3
2
1

Cat5/6

5ES-PSE-1

To Control
Room Panel
P1

MDR-100-48

+V +V -V -V
48V/2A   DC OK

N   L

Mains

Important
Use Cable Gland to
secure mains cable

Terminal
Block

Screened Microphone
cable

2
3
1

Microphone 1

Screened Microphone
cable

2
3
1

Microphone 2
En-Suite
(Option)

3 Pin XLR
Connector

Connection for Ceiling Ceiling Speaker's

Internal Connection (Do Not Move)

Connection for Music Option if fitted

Red

Black
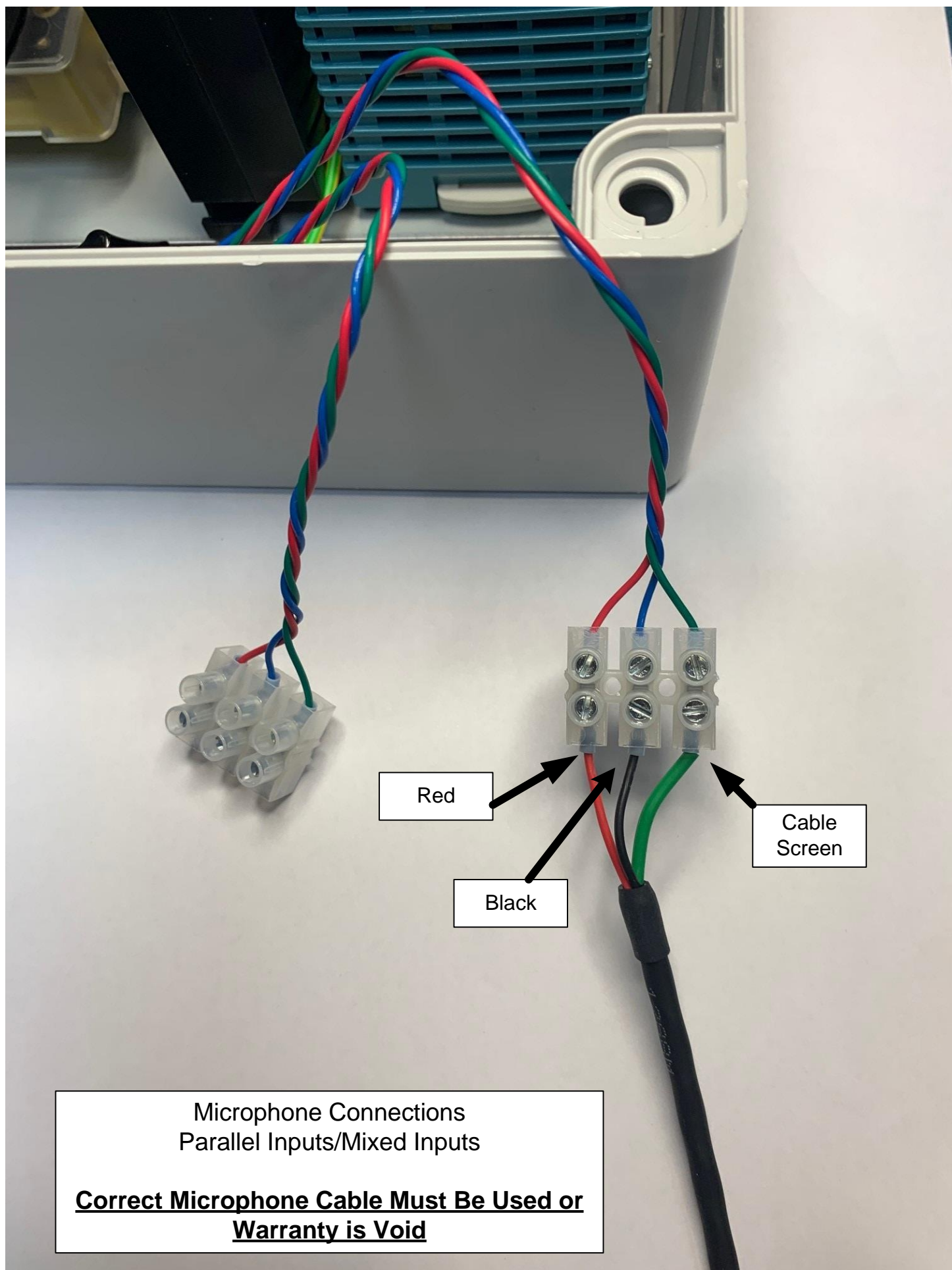
Cable
Screen

Microphone Connections
Parallel Inputs/Mixed Inputs

**Correct Microphone Cable Must Be Used or
Warranty is Void**
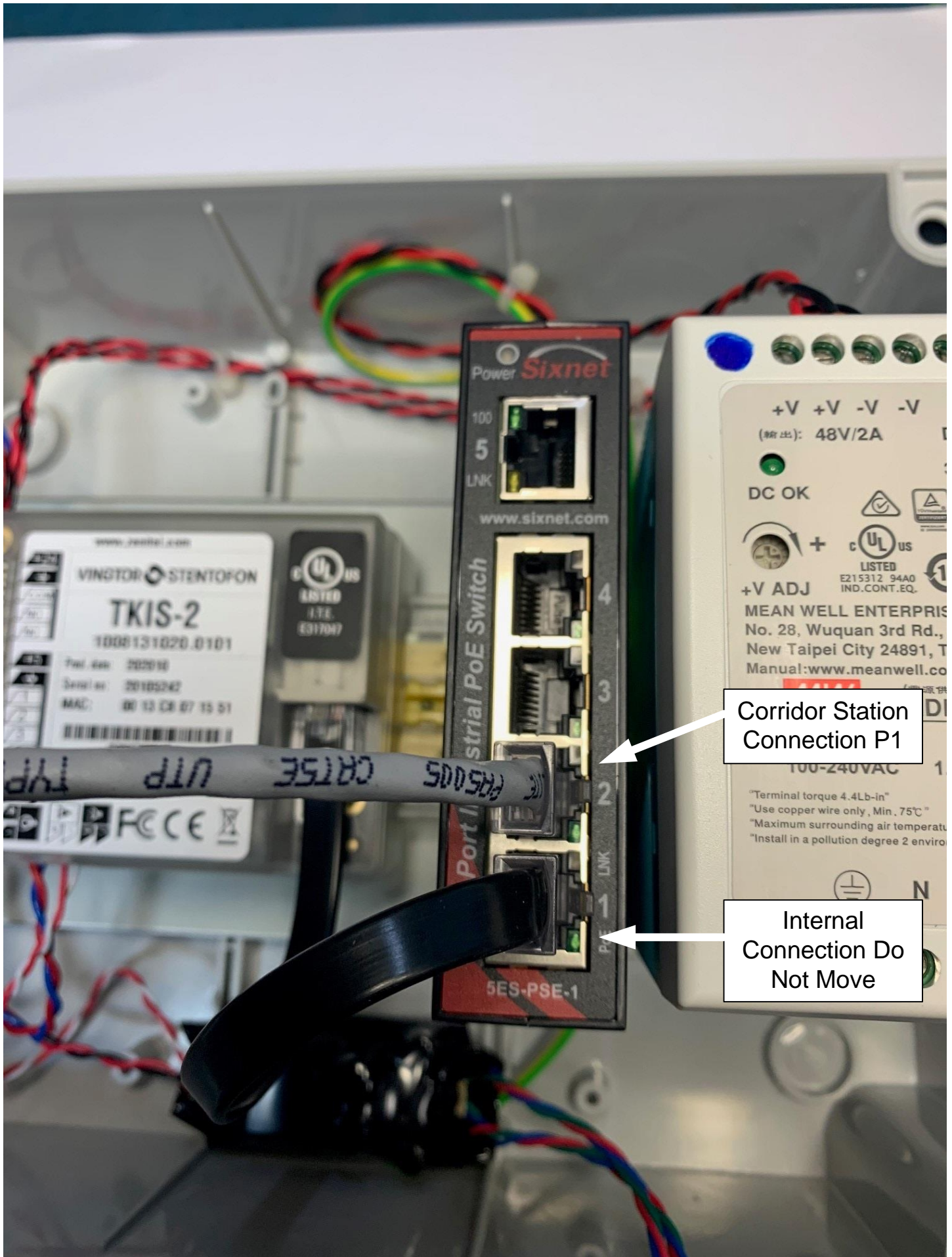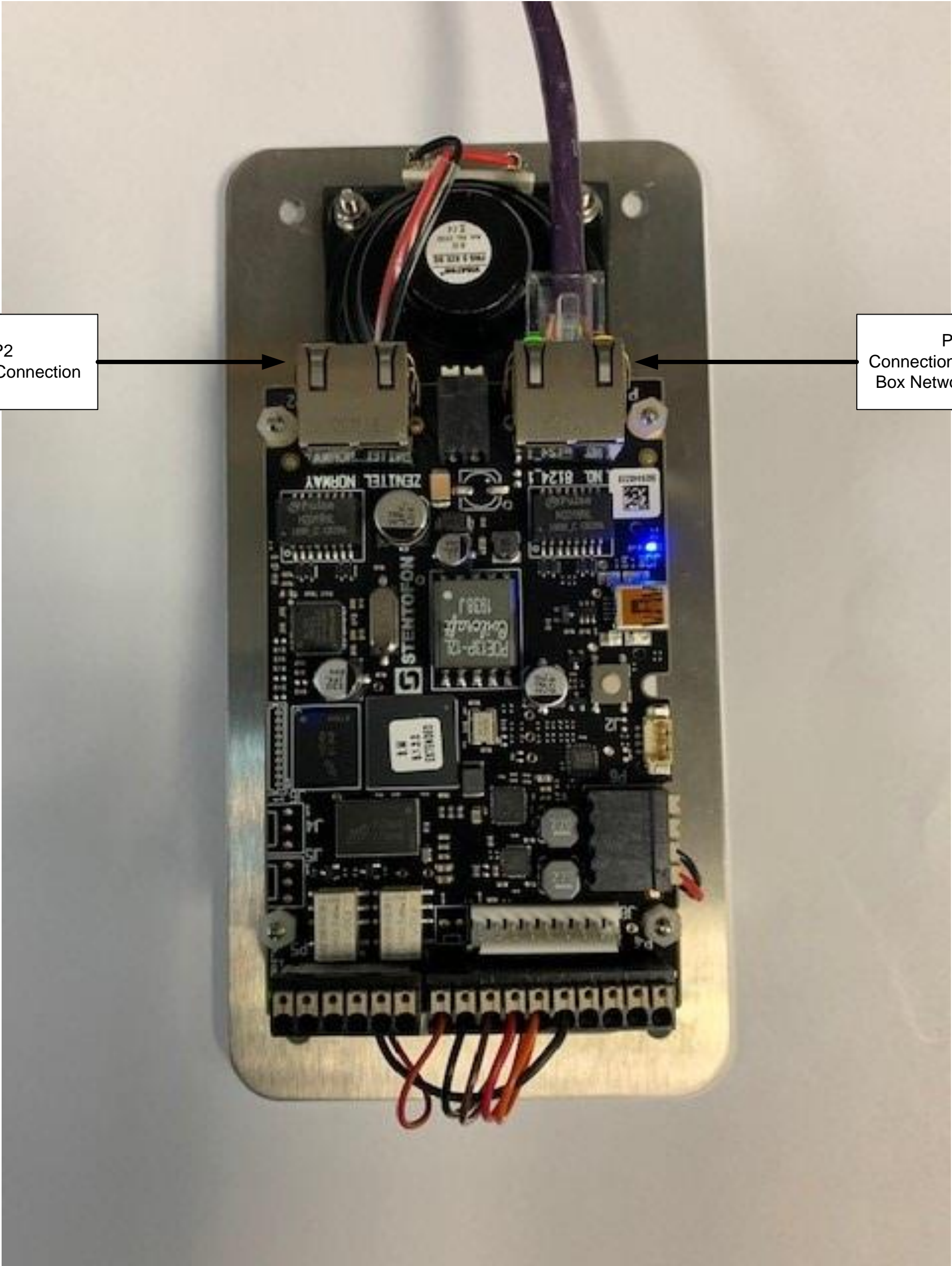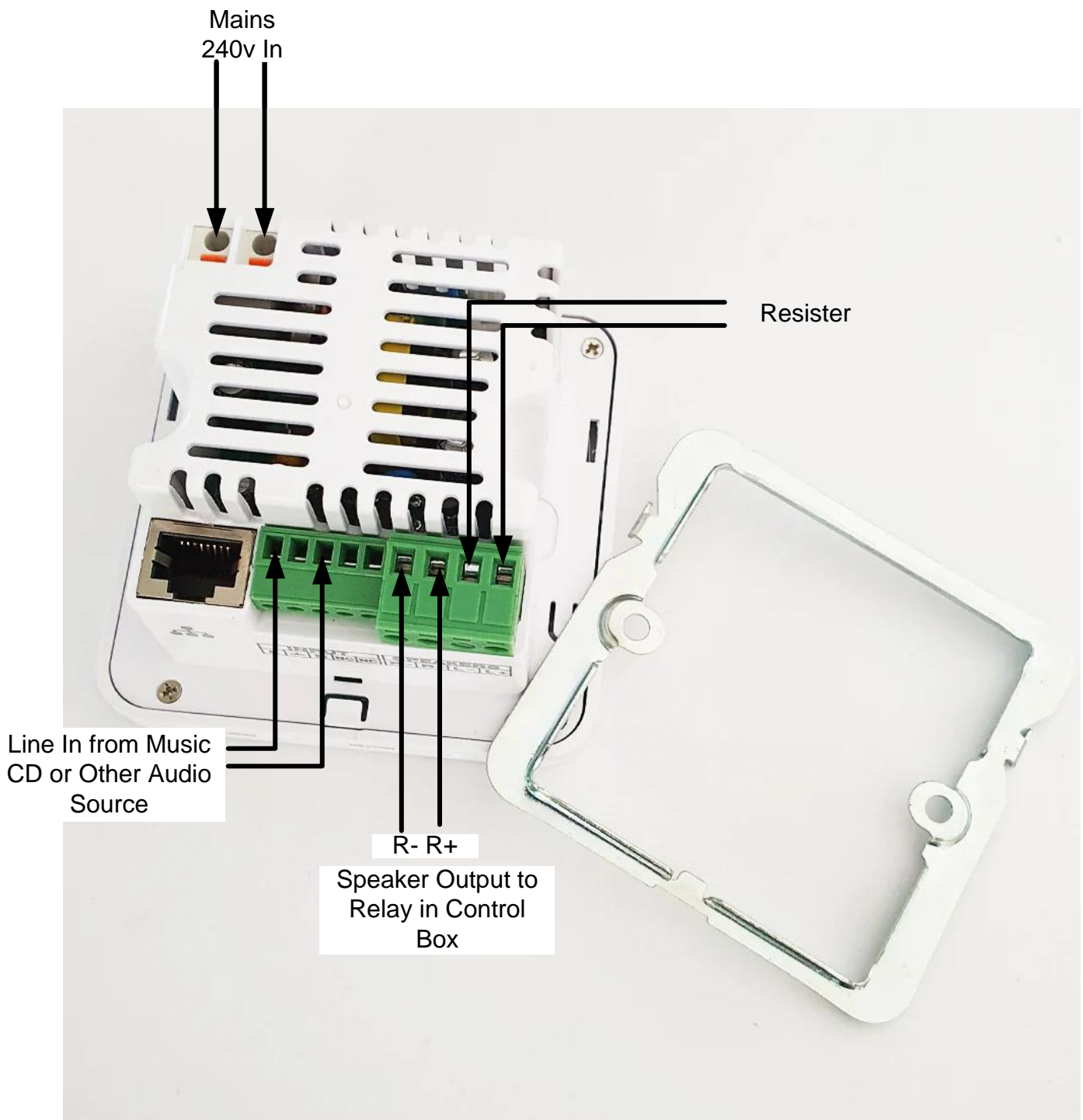
Corridor Station Connection P1

Internal Connection Do Not Move

P2
Auxiliary Connection

P1
Connection to Control
Box Network Switch

Mains
240v In

Resister

Line In from Music
CD or Other Audio
Source

R- R+

Speaker Output to
Relay in Control
Box

- We suggest you use ferrules on the connections.
- The resister must be fitted to the spare speaker output to protect the amplifier.
- Please see the User Instructions for setup

Loops Music Interface User Instructions

- Music Interface should have the following display, if it doesn't press the "M" button until you have this display.
- When you have this display you should see a blue flashing light in top right corner.
- On you phone go to Settings – select Bluetooth it should then be in discoverable mode.
- "smart audio" should appear as a source, select "smart audio" you will see a screen asking if to "allow" or "don't allow" connection, select "allow"
- The screen will then display as below, and you should have connection.
- Volume might need adjusting on you phone, then adjust the amplifier volume. The amplifier volume is on the top edge of the device.
- The Intercom only works in Mono, so for true sound output select Mono output on your phone. You can get instructions on how to do this on the internet.