

# **Seclusion Room Intercom With En-Suite and Music Option System Drawings**

**Please Read All Installation Instructions  
Before Installing**

## **Please Note**

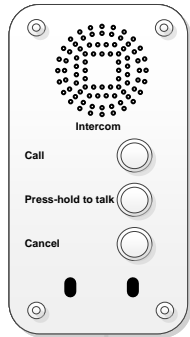
**All equipment packaging must be kept safe and  
in a new condition until the system is fully  
installed, tested and excepted by the client.**

**Any faulty equipment returned for repair or  
replacement must be supplied in original  
packaging and with accessories and  
documentation.**

## Seclusion Room Intercom with En-Suite and Music Option

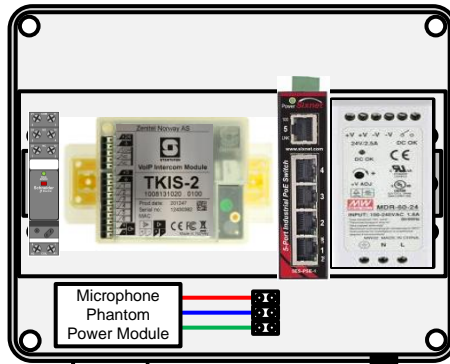
### Corridor Panel

Directory number 11  
IP Address: 169.254.1.11



### System Control Box

Directory number 10  
IP Address: 169.254.1.10



### Seclusion Room

20 Ohm Loud Speaker

Omni Directional Microphone

Loud Speaker Cable

Microphone Cables

XLR Connector

### En-Suite

20 Ohm Loud Water Resistant Speaker

Water Resistant Omni Directional Microphone

XLR Connector

Cat5/6

Mains Input Cable Gland

### Music Option

Avid set to Mono

**Note** remote balance control will affect the music volume depending on which channel output is used. Bluetooth is on input S2



### Important

Use Cable Gland to secure mains cable

### 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 CAT5e/6 cable.  
Cable for microphones should be microphone cable, 2 core plus Screen.  
The speakers requires 2 core speaker cable, use same type cable between Avid if fitted.  
See Avid installation guide.

### Recommendations

Microphones must be fitted where it can pickup speech and not equipment noise.  
Loudspeakers and Microphones must be spaced so that there is no Feedback, More than one metre apart.

### 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, relay will cut music from Avid (if fitted).

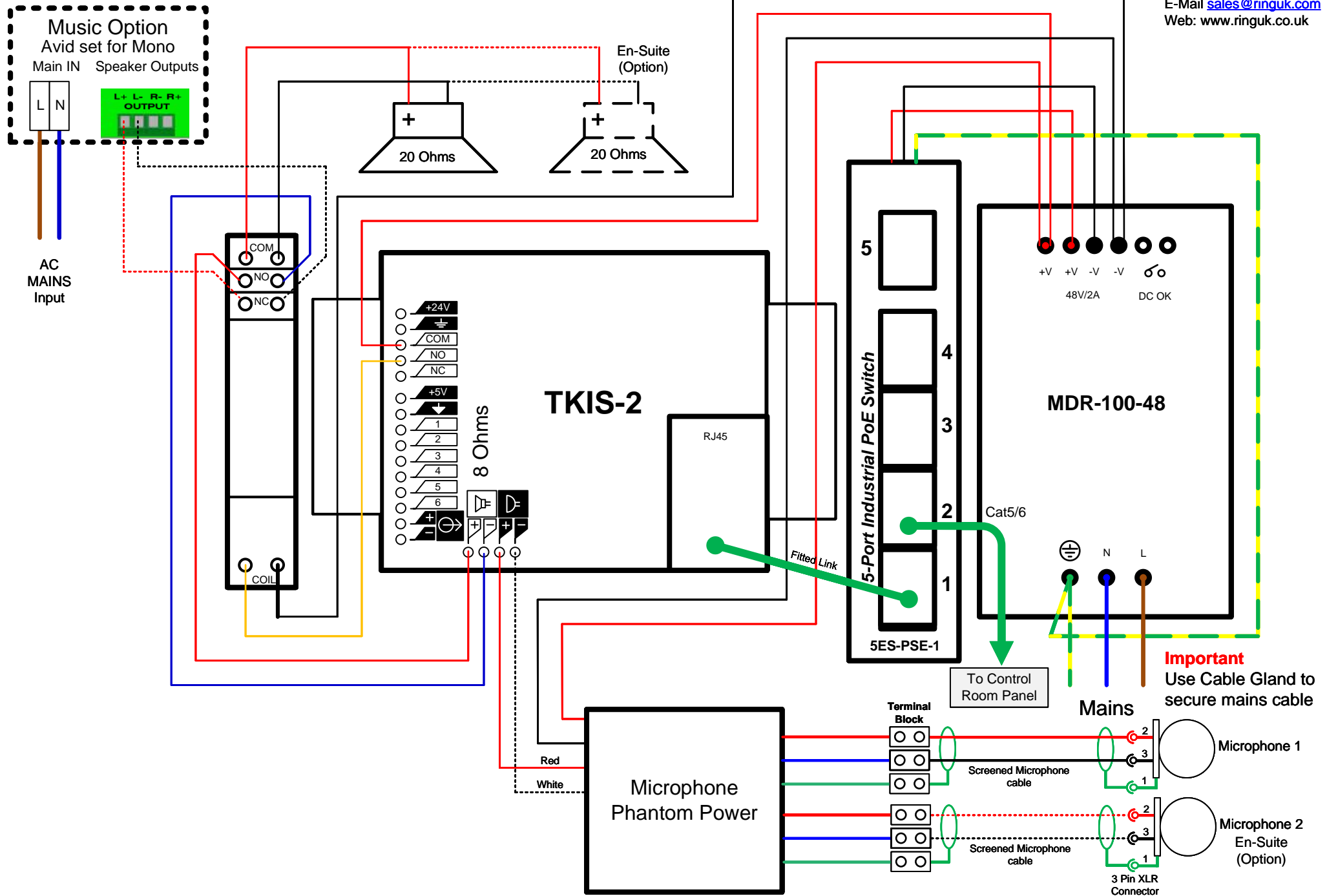
### Avid settings

Bluetooth setup codes are under face plate, Bluetooth input is on input S2  
See Avid Manual for operational instructions.

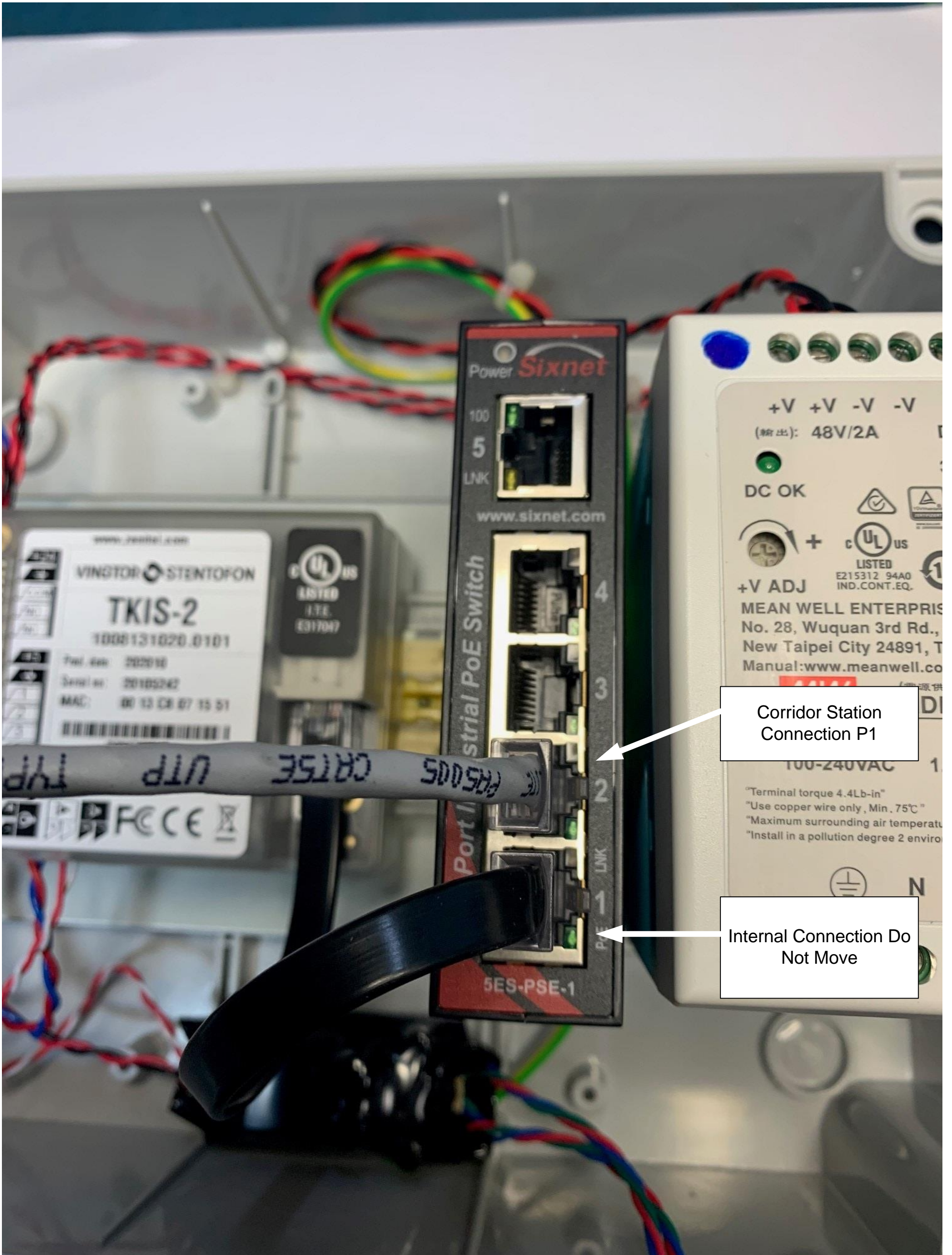
### Close System

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.

## System Control Box Wiring



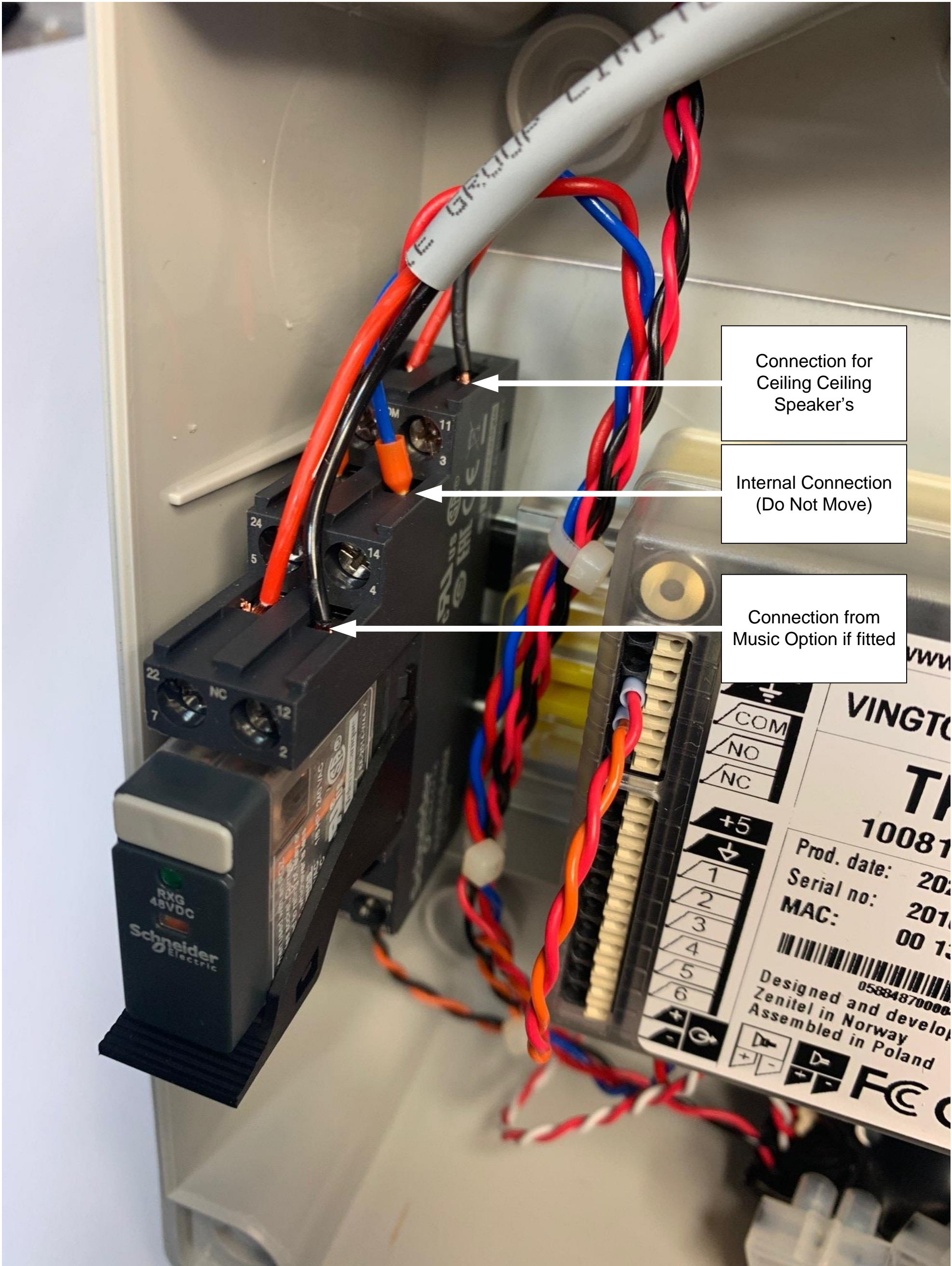




Corridor Station  
Connection P1

Internal Connection Do  
Not Move





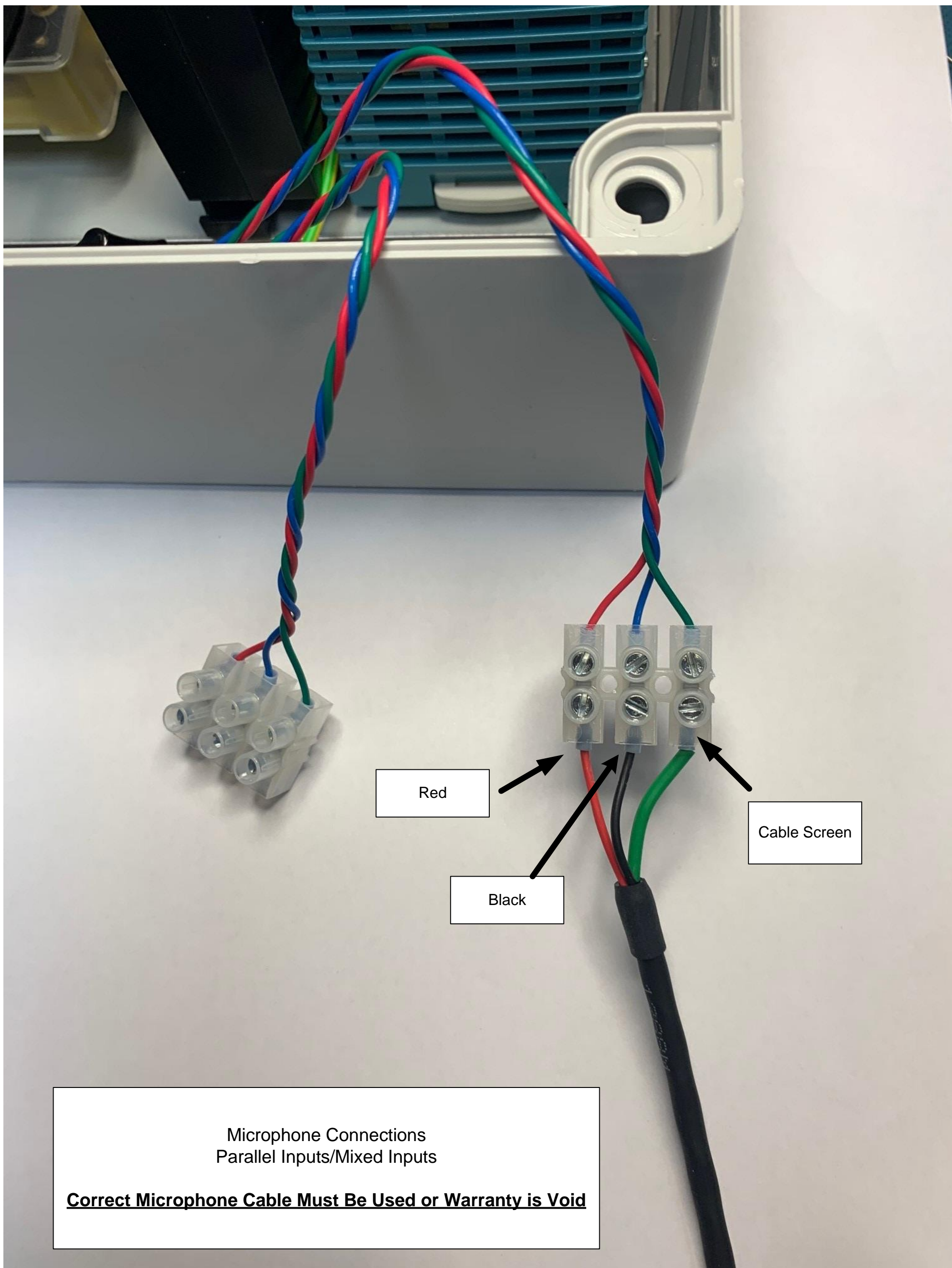
Connection for  
Ceiling Ceiling  
Speaker's

Internal Connection  
(Do Not Move)

Connection from  
Music Option if fitted

VINGTO  
TA  
10081  
Prod. date: 20  
Serial no: 201  
MAC: 00 1  
05684870000  
Designed and develop  
Zenitel in Norway  
Assembled in Poland  
FC





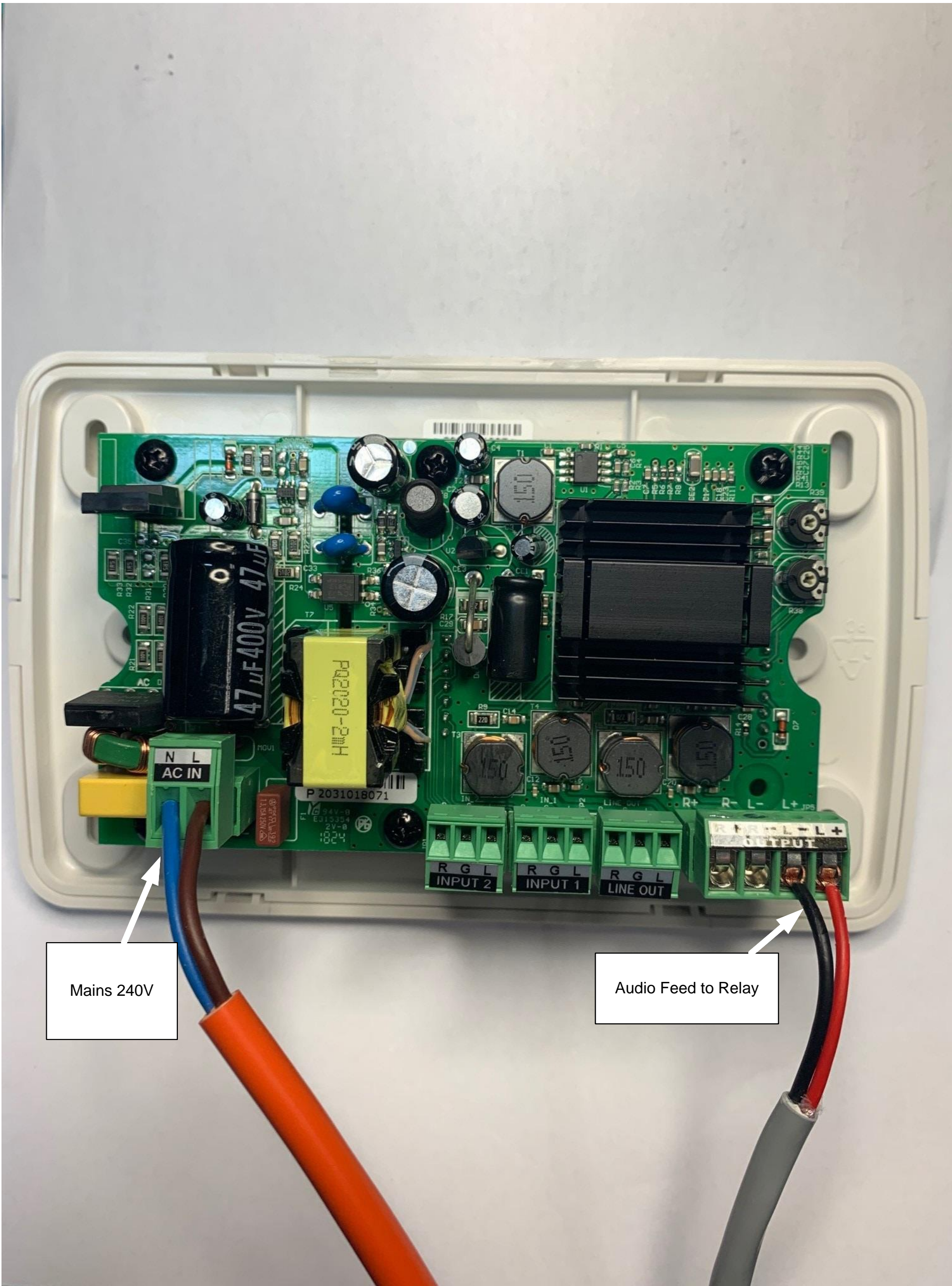
Red

Black

Cable Screen

Microphone Connections  
Parallel Inputs/Mixed Inputs  
**Correct Microphone Cable Must Be Used or Warranty is Void**





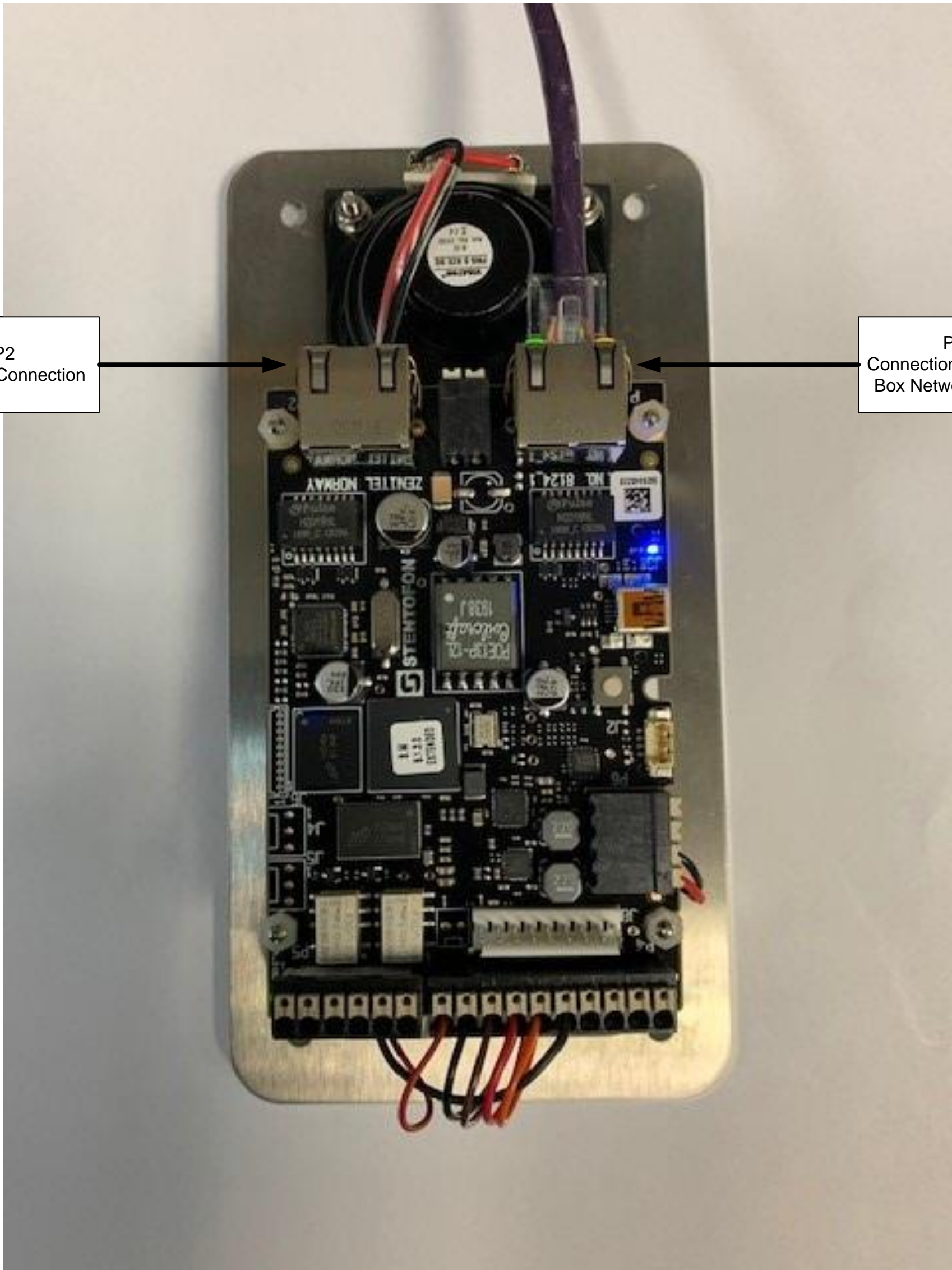
Mains 240V

Audio Feed to Relay



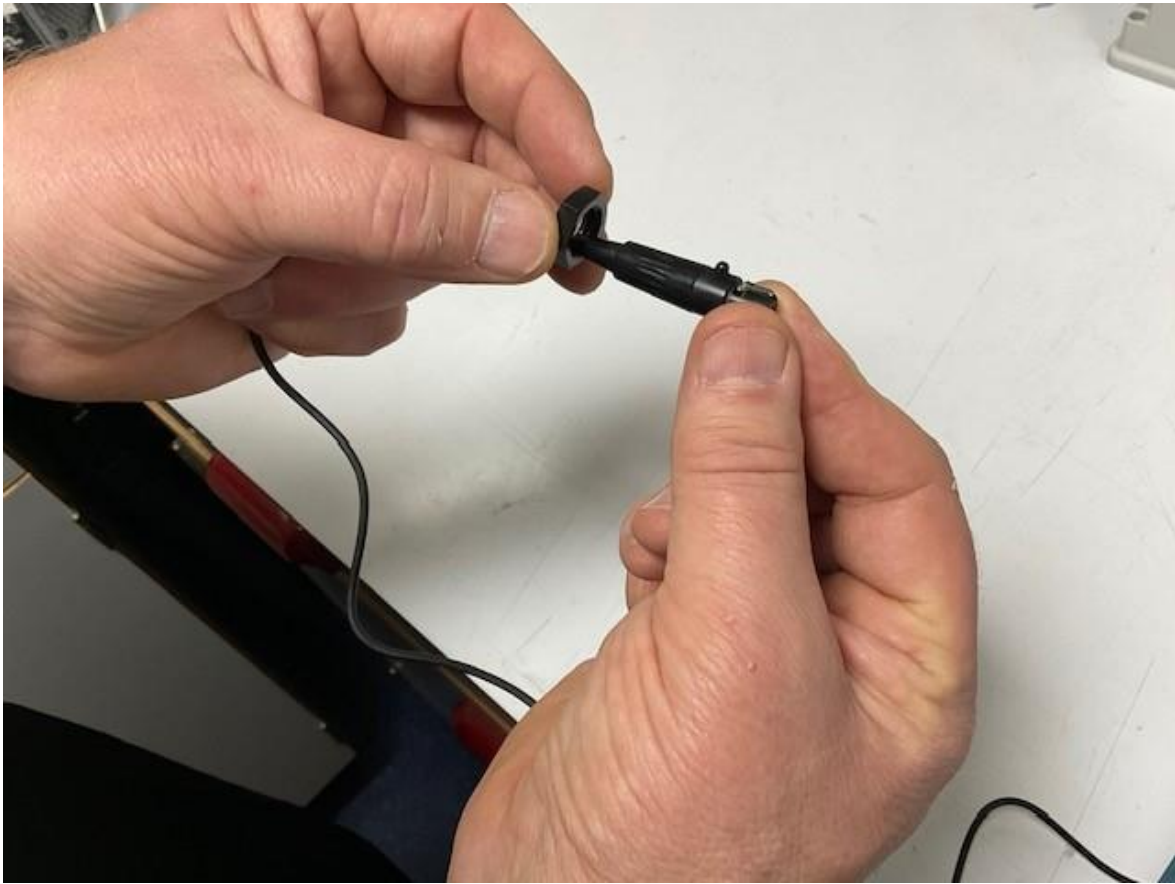
P2  
Auxiliary Connection

P1  
Connection to Control  
Box Network Switch





## **WARNING - Installing Microphone - WARNING**



Great Care must be taken when removing the microphone locking nut over the mini XLR not to pull on the cable as this will damage very easily and is a common fault when installing.



When plugging in the microphone mini XLR to the phantom module be very careful to offer the mini XLR into the socket and turn very gentle until it slides into the socket. The mini XLR does not plug in line with the phantom unit as you would expect. It should not take any effort in insert.

**If you have any microphone problems when testing the finished system, this is the most likely problem to look for.**