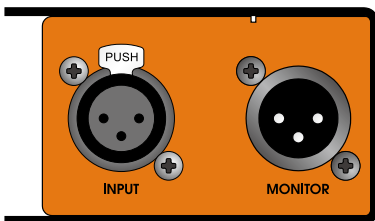


PRO 3SP

PRO SERIES AUDIO INTERFACE
TRIPLE PASSIVE ISO SPLITTER
DESIGN & MADE IN TAIWAN



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INSTALLATION

SPECIFICATIONS

UNiKA Electronic Co., Ltd.

www.unikapro.com

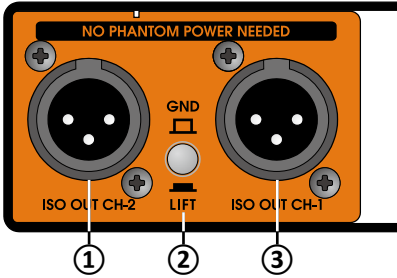
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APPEARANCE PARTS & FUNCTIONS

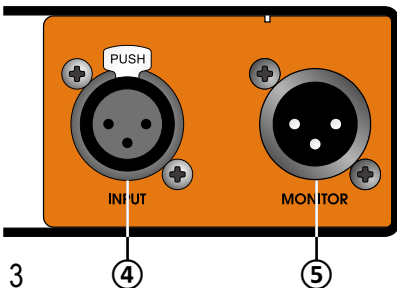


- ① **CH-1 signal output:** XLR terminal pass through the isolation transformer.
- ② **Output grounding/floating switch:** when the switch is not pressed, the first pin (PIN-1) of XLR is grounded. PIN-1 will be disconnected from ground after pressing. This button should depend on the system.

Used in the situation, in order to isolate the ground loop noise or leakage.



- ③ **CH-1 signal output:** XLR terminal pass through the isolation transformer.
- ④ **Signal input:** One XLR jack be able to input balance LINE signal.
- ⑤ **Direct monitor output:** XLR terminal, direct-through output without isolation transformer.



ELIMINATING GROUND LOOP NOISE

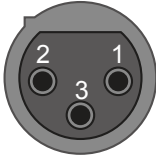
The built-in channel independent balanced isolation transformer has solved the potential difference leakage problem. When the system causes a ground loop due to poor wiring, the noise can be eliminated through the GND/LIFT button.

The GND/LIFT button determines whether pin 1 of the output XLR is grounded, grounded when it bounces, and disconnected from ground when pressed.



CONNECTORS WIRING GUIDE

XLR-Female connector



XLR-Male output jack



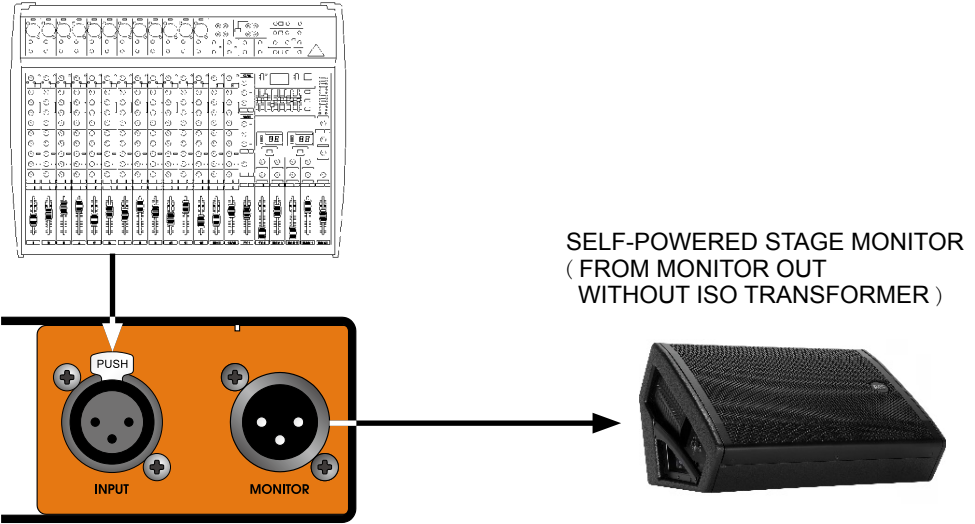
- 1-Shield pin
- 2-Hot pin
- 3-Cold pin

The unbalanced connection, pin-2 is hot, pin-3 is shield paralleled with pin-1.

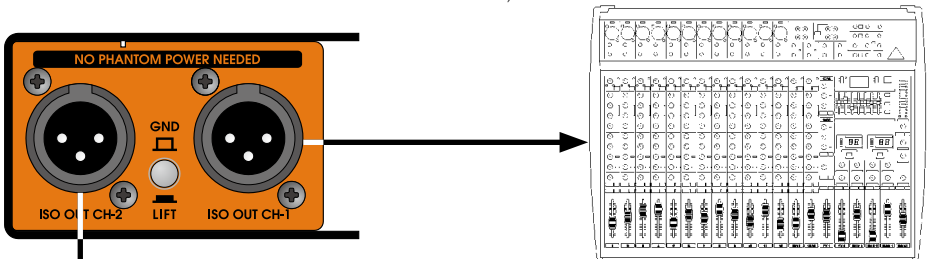
SYSTEM CONNECTION GUIDE-STAGE

When the stage and F.O.H. be powered by different power supply source

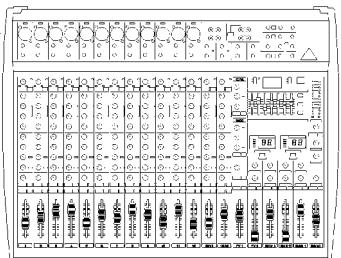
STAGE MOITOR CONSOLE



F.O.H. CONSOLE (FROM ISO OUT WITH ISO TRANSFORMER)

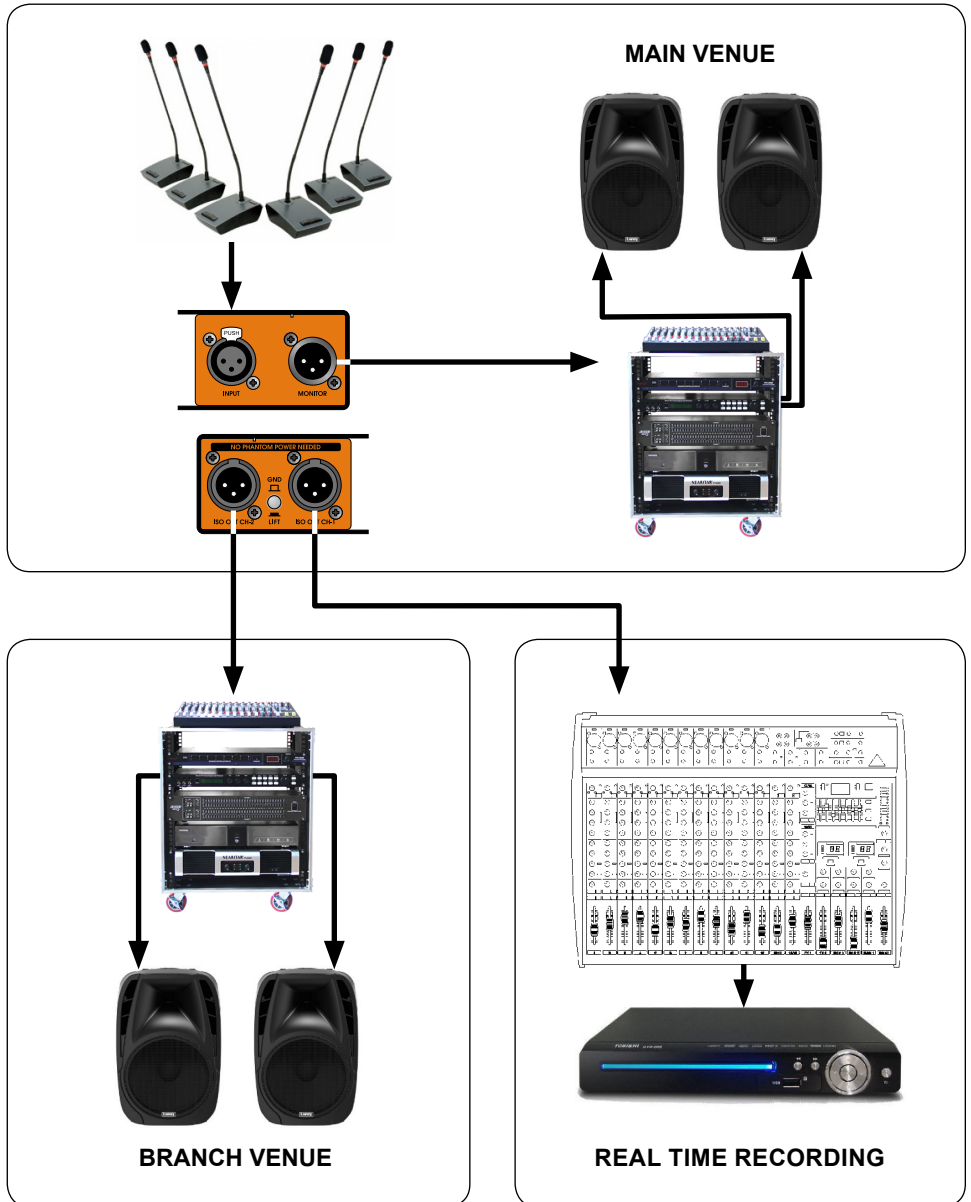


PRODUCTION CONSOLE (FROM ISO OUT WITH ISO TRANSFORMER)



SYSTEM CONNECTION GUIDE-FIXED INSTALLATION

When the main and extension system be used by different power supply source



UNiKA PRO 3SP | User Manual

SPECIFICATIONS

(Specifications are subject to change without notice.)

PRO 3SP	
Circuit principle	Passive/Transformer balance output
Input connector	1 x Female XLR
Monitor out connector	1 x Male XLR without ISO Transformer
Input impedance	10K Ω
Output impedance	600 Ω
Max. input level before clipping	+22dB
Max Output level	+22dB
Output connector	2 x Male XLR through ISO Transformer
Output GND/LIFT switch	Shared push button
Frequency response	20Hz-20KHz, -0.3/+0.1dB
S/N ratio @20Hz~20KHz un-weight	>120dB
T.H.D. @1KHz 0dBV output	<0.02%
Transformer Ratio	1:1+1:1
Chassis	1.6mm/1.2mm steel cabinet and chassis
Surface finished	Durable complex painting
Dimension (W x D x H)	78 x 124 x 46 mm
Weight	0.62kg
Shipping weight	0.65kg
Packing per carton	20pc/13.60kg
Shipping dimension per carton	305 X 283 X 195 mm