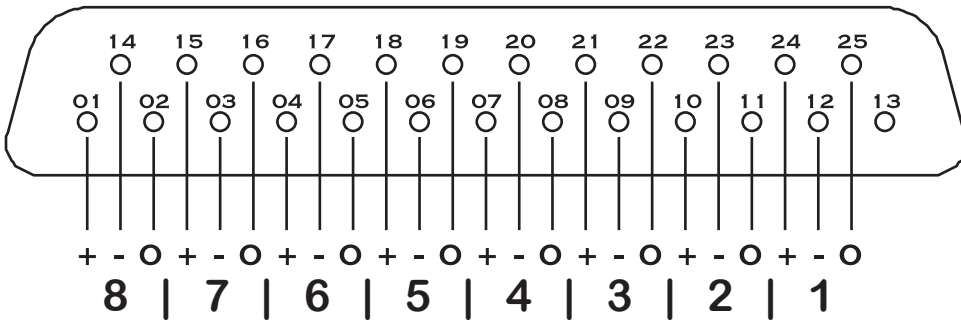


INPUT CONNECTOR CONNECTION DIAGRAM

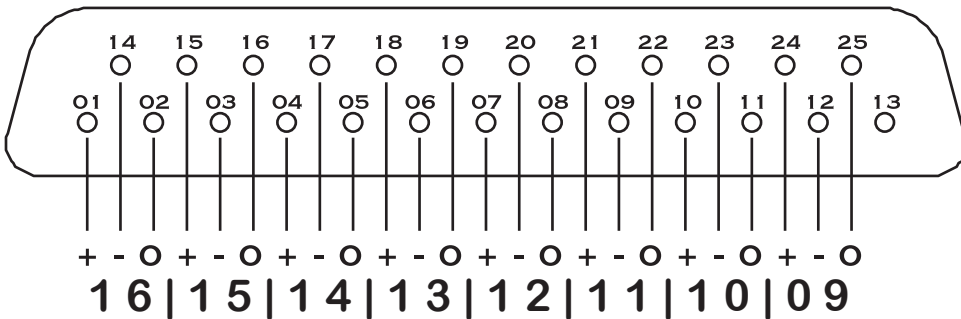
①



+ = HOT
- = COLD
0 = SHIELD

②

“Hot” (+) input pins correspond to pin 2 of the output XLR connectors.



RMS216 FOLCROM REAR PANEL FEATURES

- Balanced analog 8-channel input (channels 1-8)
Standard DB25 connector
- Balanced analog 8-channel input (channels 9-16)
Standard DB25 connector
- Balanced stereo microphone-level outputs (Left and Right)
Standard XLR-M connectors (Pin 2 Hot)
Connect these outputs to your favorite microphone preamplifier to provide the Folcrom’s make-up gain. 36-42dB of gain is typical.

CAUTION:

Do not apply phantom power to the outputs of the Folcrom. Because it has no capacitors, transformers, or active circuitry in its signal path, the Folcrom will pass signal all the way down to and including DC. It is therefore advised that you do not connect the Folcrom to microphone preamplifiers which have 48V phantom power active. While the Folcrom itself will not be harmed and indeed will not even notice phantom power, it will pass this voltage straight back out through its inputs where it is theoretically possible to damage your DAC or other devices you may have connected.

4. 32-channel link switch

Two Folcroms can be connected together for a total of 32 inputs feeding a single stereo pair of microphone-level outputs by using two XLR “Y” cables (each cable should have two XLR-F connectors feeding one XLR-M connector). When this is done, the internal summing impedances of both Folcroms must be re-optimized for 32-channel operation. This is accomplished by engaging a switch accessible through a small hole in the rear panel. Leave the switch disengaged (out) for 16-channel operation.

5. Chassis ground lift switch

In the rare event that the input and output cable shields need to be isolated from the Folcrom chassis ground, simply engage the switch accessible through this small hole. If the cable shields need to be isolated from one another, it should be done in the cable assemblies.

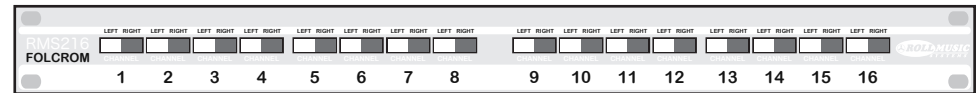
Note: Units manufactured before May 2005 do not have these two holes. If your Folcrom has a serial number below 216103, please contact Roll Music for link optimization and chassis ground-lift instructions.

Technical Specifications

Input channels:	Sixteen
Input impedance:	10k ohms balanced
Recommended source impedance:	<100 ohms
Maximum input level:	+42dB rms
Output channels:	Two
Output impedance:	150 ohms balanced
Recommended load impedance:	1300 ohms
Output level:	-35dB nominal
Frequency response:	0-500kHz
Crosstalk @1kHz:	-90dB
Power requirements:	None

RMS216 FOLCROM

Roll Music Systems warrants this product to be free of defects in materials and construction for a period of one year from the date of purchase. Please refer all servicing to the manufacturer.



ROLL MUSIC SYSTEMS INC

2010 EAST HENNEPIN AVENUE #33
MINNEAPOLIS MN 55413

612-379-3255
WWW.ROLLMUSIC.COM

USERS MANUAL

