

Wet to matrix 2-4 wire converter level setting.

Process:

1. Setup 2 matrix stations and 2 belt packs on the same PL channel.
2. connect the noise source to 1 of the panels and one of the beltpacks.
3. Connect the meter to the other panel and beltpack.
4. Press talk on panel 1 and adjust the listen level of panel 2 for a reference level on the meter.
5. Press talk on belt pack 1 and adjust belt pack 2 for the same reference level on the other meter.

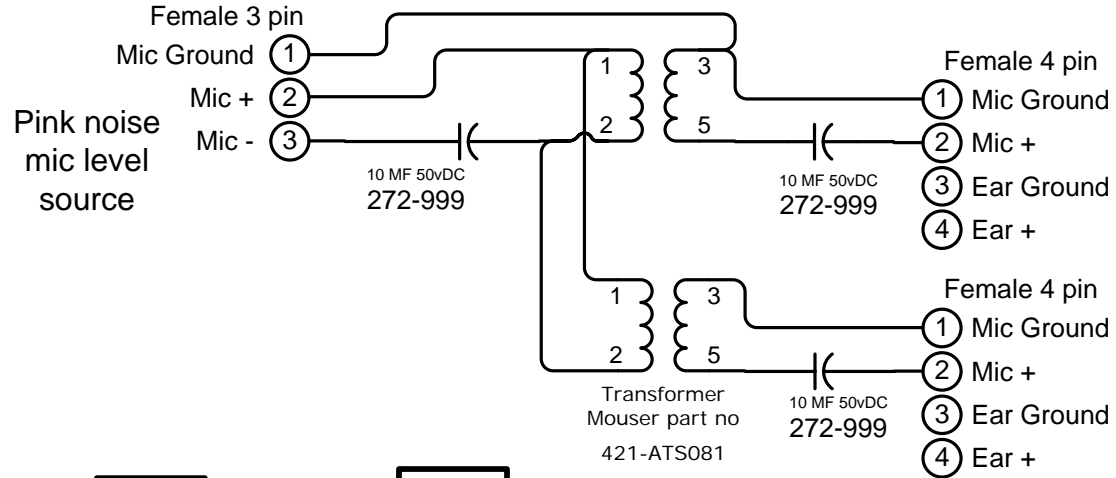
Now for the adjustment.

6. Press talk on panel 1 and adjust SEND from the Matrix to the WET comm by reading the level on Belt pack 2.
7. Press Talk on beltpack 1 and adjust RCV from the wet comm to the matrix by reading the level on Panel 2.

Now move the wet comm belt packs to the next comm channel and do it again. From step 6.

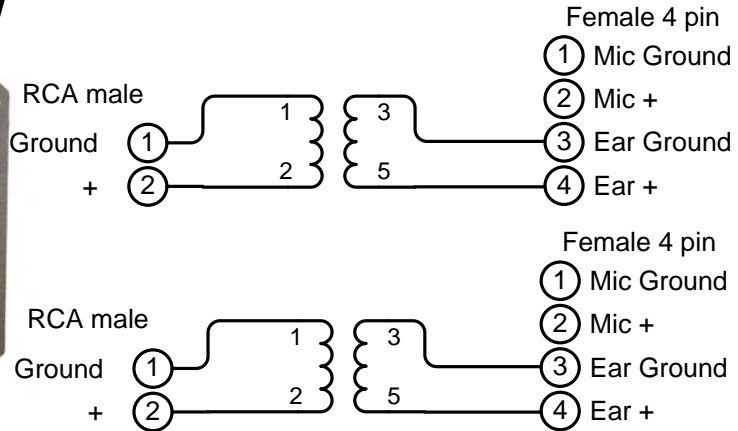
The same process can balance BTR800 audio to a comm system or the levels between any 2 systems.

It is important to use Pink noise since tones will give erroneous readings due to the internal compressors and limiters of the equipment.



Matrix panel #1
Mic IN

Beltpack #1
Mic IN



Matrix panel #2
Ear OUT

Beltpack #2
Ear OUT

Revisions		 320 Seventh Avenue, #264 Brooklyn, NY 11215 917-750-1134	Intercom Adapters	
			2-4 wire level setting Jig.	
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