



Professional Sound Products

# Set Up Procedure

DJ-4108

2-WAY CROSSOVER WITH PHASE ADJUST

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Refer to reverse side of this sheet for Control Record.

Refer to **SYSTEM 41 Installation Manual** for instructions on module installation and wiring.

Refer to **Data Sheet DJ-4108** for specifications and functional diagram.

## OUTPUT LEVEL ADJUSTMENT

1. Set both output attenuation controls full clockwise.
2. At the start of the system equalization process these controls can be used to balance the high and low frequency response.
3. Rotate counterclockwise to attenuate.

## PHASE ADJUSTMENT

4. Set phase switch to "OUT".
5. Determine polarity to HF driver for best response near crossover
6. Set phase switch to "IN".
7. Adjust phase control potentiometer for best response near crossover.

## CROSSOVER FREQUENCY ADJUSTMENT

Refer to Data Sheet DJ-4108 to locate components

$$R_C(\text{k}\Omega) = 7.96/F(\text{kHz}), R_B = 2R_C, R_A = 4R_C, C_A(\text{uF}) = 1/48.4F(\text{kHz}), C_B = C_A$$

# Control Record

DJ-4108

2-WAY CROSSOVER WITH PHASE ADJUST

Refer to reverse side of this sheet for Set Up procedure.

Record on the Documentation Panel pictorial to the right all control settings.  
This must match the Documentation Panel in the mainframe.

Mainframe # \_\_\_\_\_

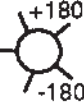
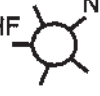
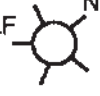

Module Position # \_\_\_\_\_

Contractor \_\_\_\_\_

Installer \_\_\_\_\_

Job \_\_\_\_\_

Date \_\_\_\_\_

PHASE 0 
PHASE <input type="checkbox"/> IN <input type="checkbox"/> OUT
OUTPUT
HF 
LF 
DJ-4108 2-WAY CROSSOVER
 SIG.