489 SERIES

PROGRAMMING INSTRUCTIONS

HOW TO IDENTIFY A PROGRAMMABLE PATCHBAY

489 Series programmable patchbays can be identified by the Programmable Icon in the upper left corner of the patchbay.

HOW TO CHANGE THE PROGRAMMING FOR A CIRCUIT

1: Remove the top designation strip, as shown in the photo on the right.

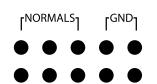**2:** Find your desired configuration in the diagram.

3: Arrange the programming shunts to match the appropriate diagram. Note: Each circuit can be programmed independently.

4: Ample shunts are provided with every patchbay. Red shunts are placed horizontally and are used for normaling. White shunts are placed vertically and are used for grounding.
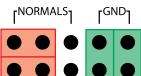
5: The circuits are numbered 1-24 and correspond to vertical jack pairs reading left to right.

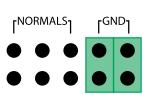**6:** Replace the designation strip.

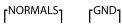## SHUNT SCHEMATICS

NON NORMALED
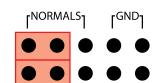WITH ISOLATED GROUNDS

NON NORMALED
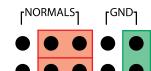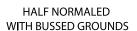WITH BUSSED GROUNDS

FULL NORMALED
WITH ISOLATED GROUNDS

FULL NORMALED
WITH LOOPED GROUNDS

FULL NORMALED
WITH BUSSED GROUNDS

HALF NORMALED
WITH ISOLATED GROUNDS

HALF NORMALED
WITH LOOPED GROUNDS

HALF NORMALED
WITH BUSSED GROUNDS