

DESCRIPTION

The DJ-4128-4 is the remote control module for a DJ-4122-1 Remote Controlled 4 x 4 Matrix Mixer. The DJ-4128-4 provides eight independent preset configurations of input to output routing for the matrix mixer. Each preset forms a diode logic matrix which controls the 16 input/output crosspoint switches in the DJ-4122-1. Pin-jumpers are used to store the unique configurations of the individual preset programs. Each preset is remotely activated via maintained dry-contact switch (or open-collector transistor logic) closures to ground. Preset programs may be combined by activating more than one program at a time. A single DJ-4128-4 can address up to 256 combinations of matrix mixer configurations by simultaneous activation of multiple preset programs.

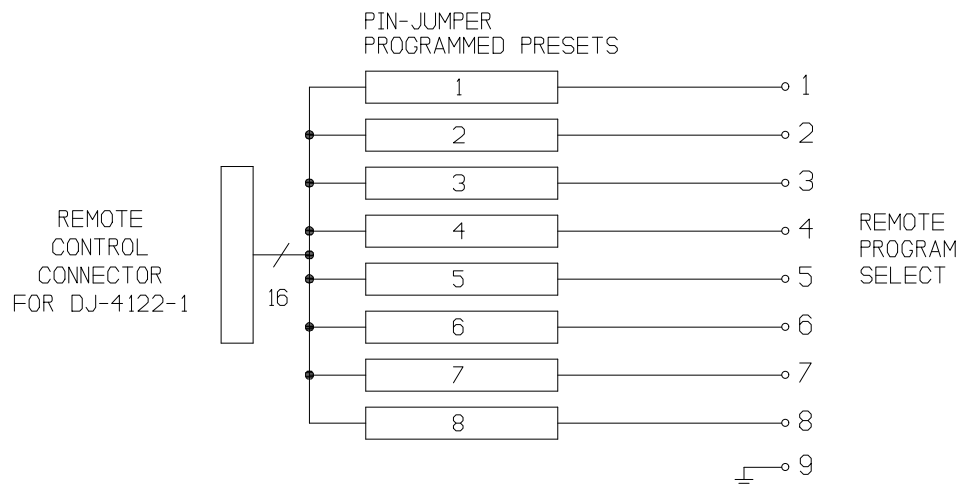
DESIGN SYMBOL



FEATURES

- Single DJ-4128-4 controls one or more DJ-4122-1 Matrix Mixers.
- Multiple DJ-4128-4 modules increase preset configurations by eight per additional DJ-4128-4.
- Remote control of active presets by maintained dry-contact or open-collector transistor logic closures to ground.
- Front-edge preset selector thumbwheel switch for local preset control and set-up testing.
- Pre-programmed preset configurations are selectable individually or in combinations.
- Ideal for remote control of mixing and switching systems.

FUNCTIONAL DIAGRAM



SPECIFICATIONS

REMOTELY CONTROLLED PRESET PROGRAMS	Eight
INPUT LOCK PROGRAM	Forces any or all sixteen matrix crosspoint switches to the ON state
PROGRAMMABLE CROSSPOINTS PER PRESET PROGRAM	Sixteen
PROGRAM SELECTION LOGIC	Remote switch logic inputs are internally pulled-up to +15VDC. Dry-contact, or open-collector transistor logic to ground (2 mA max sink) activates preset program
PROGRAM SELECTION	Individual, or in parallel combinations of simultaneous preset PROGRAMS
PROGRAMMING METHOD	Manual, miniature pin-jumpers
CURRENT CONSUMPTION	None
MODULE SPACE	One unit, 1.2 inches

ARCHITECT'S SPECIFICATIONS

The remote controller module shall provide remote control for the matrix mixer. Maintained dry-contact switch or open-collector transistor logic closures to ground shall remotely select eight preset combinations of matrix mixer programs. A thumbwheel switch shall locally address the preset programs for installation, set-up, and testing. Each of the eight preset matrix mixer programs shall permanently store the pre-programmed mixer-crosspoint logic-states by manual insertion of pin-jumpers. An additional INPUT LOCK setting, programmable by pin-jumpers, shall force the ON state of selected matrix mixer crosspoints. Remote control shall independently address the eight preset programs. Simultaneous remote activation of multiple preset programs shall provide a maximum of 256 matrix mixer configurations from a single remote controller. The parallel connection of additional matrix controllers shall provide increments of eight additional matrix preset programs. The controller shall operate the IRP model DJ-4122-1 Remote Controlled 4 x 4 Matrix Mixer. The controller shall mount in the IRP model DJ-4100, DJ-4101, or DJ-4150 mainframe. The controller shall be the IRP model DJ-4128-4 Remote Matrix Controller.

ORDERING INFORMATION

Specify: DJ-4128-4, Remote Matrix Controller for DJ-4122-1

Note: Contact factory before ordering systems with parallel connections of multiple DJ-4128-4 controller modules and/or multiple DJ-4122-1 matrix mixers. Special connection cables will need to be supplied.