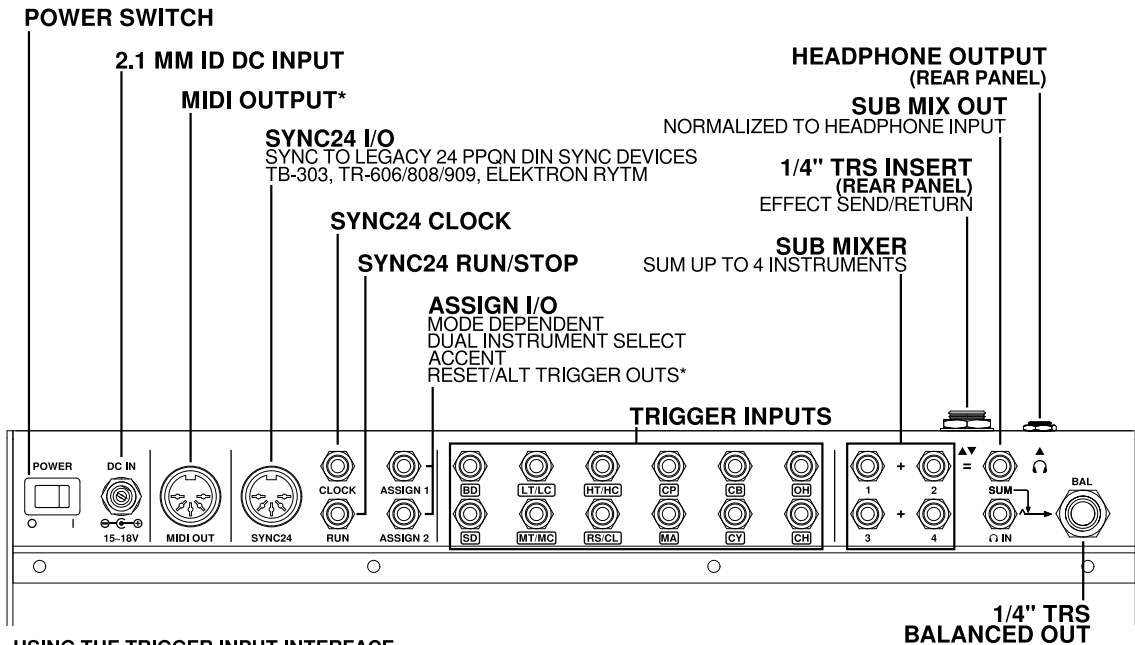


ELECTRONIC MUSICAL INSTRUMENT

880

System80 Inc.

system80.net r.09/2020



USING THE TRIGGER INPUT INTERFACE

Before using the Trigger Input Interface (TII) your 880 needs to be updated to at least firmware version 1.1.2. See system80.net/880-firmware/ to learn how to update your 880's firmware.

The TII is not active by default. To activate the TII put your 880 in MANUAL PLAY mode, press and hold the SHIFT-WRITE/NEXT key and use the AUTO FILL IN selector button to select SYNC OUT. Then press and hold the SHIFT-

WRITE/NEXT key and press STEP 8. The TII is now active. Accent will be applied whenever the input to ASSIGN 1 is high and the ASSIGN 2 state will select which of the dual instruments will play. Leaving MANUAL PLAY mode or changing the SYNC mode will disable the TII. The TII is automatically disabled when the sequencer is running. The 880 does not currently recall the TII active state. You will need to turn it on again after a power cycle. Improvements to this interface will come in a later firmware.

*Not all features available with current firmware at time of release (Oct./2020)

Installation

Your 880 enclosure comes with 3 ribbon cables that need to be connected to the rear panel of your 880 before your 880 is mounted in the enclosure. Connect the power cable to the 10 pin Eurorack Power connector on your 880. Connect the 6 pin DIN Expander cable to the DIN expander connector on your 880. Connect the 6 pin ISP connector to the ISP connector on your 880 (labelled 'ISP TRIGGER INPUT' on some 880s).

IMPORTANT! Both the DIN Expander and ISP connectors are 6 pin connectors that can be inadvertently swapped, so pay close attention to the labels when connecting them. If they are swapped the Trigger Input Interface and the DIN Sync transport control will not function correctly. There shouldn't be any magic smoke either, but let's not tempt fate, shall we?

After securely connecting the cables and ensuring the DIN Expander cable and ISP cable are seated in their correct sockets, mount your 880 in the enclosure using 8 M3 x 6 MM mounting screws and nylon washers (originally supplied with your 880).

