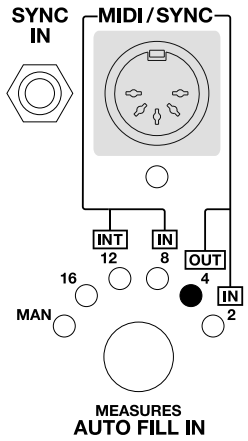
DIN Sync24 Out Mode



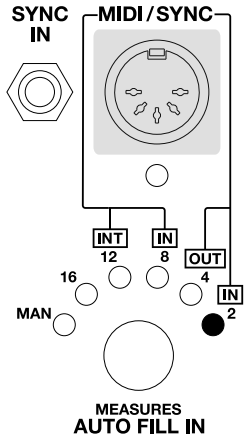
This mode is a MASTER clock mode that configures the DIN socket as a DIN Sync Output so that the 880 can be used as a DIN Sync Master device.

DIN Sync is a legacy sync interface common on vintage Roland instruments and sequencers. It uses a 24 Pulses Per Quarter Note (PPQN) clock signal and a Run/Stop signal for transport control.

Connect a DIN cable (pins 1 and 3 must be wired; not all MIDI cables will function as DIN Sync cables) to the DIN sockets of the 880 and the slave device. Set the slave device's sync setting to IN.

NOTE: Unlike MIDI, the DIN Sync standard requires a ground connection between devices. See *DIN Socket Ground Setup* on Page 3.

DIN Sync24 In Mode



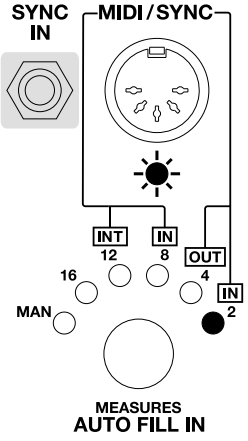
DIN Sync24 In Mode is the first of the SYNC IN modes that depends on an analog clock signal (as opposed to a digital MIDI signal). This mode allows the 880 to operate as a DIN Sync slave device.

Connect a DIN cable between the 880 and the master DIN Sync device. Set the master device's sync setting to OUT.

The 880 is now dependent on the clock and run/stop control from the master device.

See NOTE above about DIN grounding.

Sync In Clock Mode



The second SYNC IN mode depends on a clock signal from the Sync In jack next to the DIN socket.

When entering Sync In Clock Mode, the SYNC LED will glow red if there is no clock signal and will flash orange if a valid clock signal is detected on the SYNC IN jack.

The Sync In Clock uses a Korg Volca standard 2 PPQN in contrast to the 24 PPQN used by both MIDI and DIN Sync.

The START/STOP button must be used to control sequencer transport when in Sync In Clock mode. A run/stop input will be implemented on a planned TRIGGER/SYNC expander module.

Run/stop control may also be added via a future update using a specialized DIN to 3.5 mm adapter cable.