UniPorts

There are 4 UniPorts on the Unity6 and each of them can be assigned to provide various features for controlling external pedals or expanding the features of the Unity6. Below is the list of features and their functions available to the UniPorts:

- **Expression Pedal Input**
  - Connect an expression pedal to the Unity6 to convert expression pedal signals to MIDI messages. Use a ¼" TRS patch cable with any expression pedal that receives information on the Tip and returns information back to the Unity6 on the Ring. *Expression Pedal #1 can only used in UniPort #1 and Expression Pedal #2 can only be used in UniPort #2

- **MIDI Type A**
  - The Unity6 can send MIDI messages via the ¼" outputs.
  - Connect a ¼" TRS patch cable to any MIDI pedal with a ¼" MIDI input jack. Some pedals that require a MIDI Type A connection are JET Pedals, Jackson Audio, Boss 200 Series, Neunaber Effects, Cooper FX, Swindler Effects.
- **MIDI Tip Active**
  - The Unity6 can send MIDI messages via the ¼" outputs.
  - Connect a ¼" TRS patch cable to any MIDI pedal with a ¼" MIDI input jack. Some pedals that require a MIDI Tip Active connection are Strymon, Empress Effects, Meris, Red Panda, Bondi Effects, Alexander Pedals.
- **MIDI Ring Active**
  - The Unity6 can send MIDI messages via the ¼" outputs.
  - Connect a ¼" TRS patch cable to any MIDI pedal with a ¼" MIDI input jack. Some pedals that require a MIDI Ring Active connection are Chase Bliss.
- **MIDI Type B**
  - The Unity6 can send MIDI messages via the ¼" outputs.
  - Connect a ¼" TRS patch cable to any MIDI pedal with a ¼" MIDI input jack. Some hardware synth's may require a MIDI Type B connection.

* Consult with each manufacturers manual for the correct type of MIDI connection to use

- **External Tap**
  - The Unity6 can send MIDI clock information in the form of tap tempo signals to analog pedals that have a jack for an external tap tempo input. The Unity6 supports any pedal that uses a normally open configuration
  - The Unity6 can use all 4 UniPorts each with their own distinct and separate tap divisions. This comes in handy to create dual delays from two separate analog delay pedals and/or to send a separate signal to a tremolo pedal.

- Connect a ¼" TS cable to any pedal with an external tap tempo jack.

- **JHS Red Remote**
  - Connect up to 4 JHS Red Remote enabled pedals to have control over it's Red Remote feature.
  - The Unity6 can use all 4 UniPorts to have distinct and separate control for up to 4 JHS pedals at one time.
  - Connect a ¼" TS cable to any JHS pedal with an external Red Remote jack.

- **Amp Switch**
  - The Unity6 can control amp channel switching and remote control over an amps external foot switch. The Unity6 supports any amp that uses a normally open configuration to switch channels or foot switches
  - The Unity6 can use all 4 UniPorts to have distinct and separate control for up to 4 amp channels and foot switches.
  - Connect a ¼" TS cable to any UniPort and the amp switch jack.

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