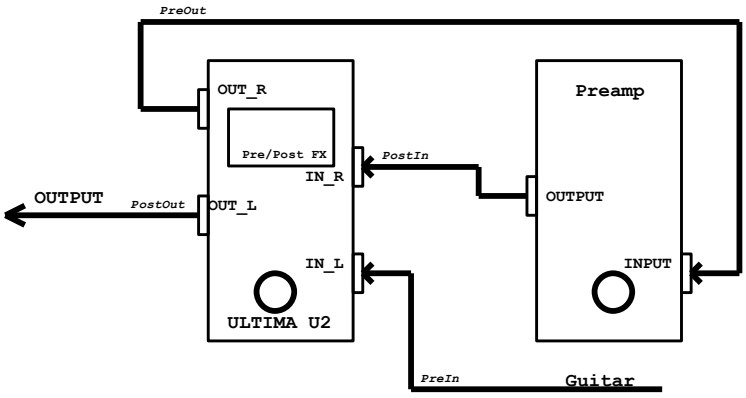
AMT PANGAEA ULTIMA U2 Pre/Post FX firmware

When you use this firmware the U2 is divided into two parts — the **Pre** section and the **Post** section. Both sections have their Inputs, Output, and Effects.

The Pre section:
Input — IN L
Output — OUT R
Effects: *Noise Gate* (global setting)
Compressor
Phaser
Resonance Filter (wah-wah etc.)

The Post section:
Input — IN R
Output — OUT L
Effects: *IR cabsim* (1 IR for both L/R channels per preset)
Parametric Pre/Post EQ
Hi/Low pass filters + Presence
Delay or Reverb effect per preset

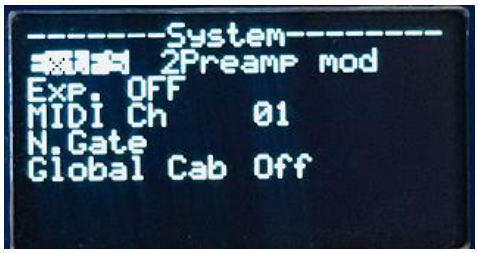


Pic. 1 — The common U2 Pre/Post chain with one preamp.

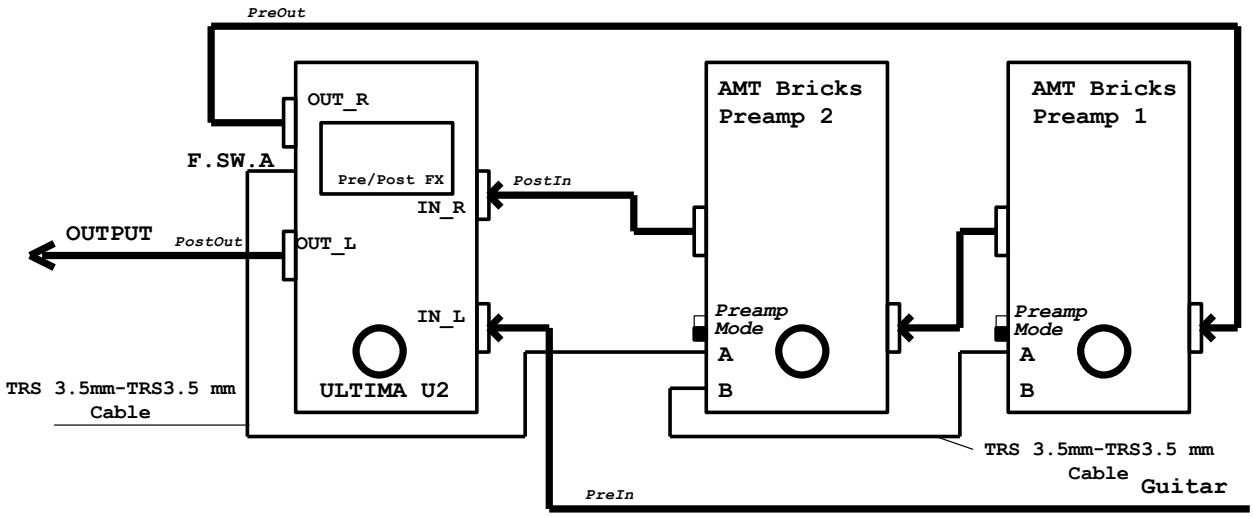
In this chain you can use any preamp, it could be a one-channel as well as a multi-channel preamp. Meaning the AMT products, you can choose from:

One-channel preamps: AMT **LA-1** series;
AMT **Bricks** series (these preamps have Bypass modes and they can be chained in series);
Two-channels preamps: AMT **LA-2** series;
Three-channels preamps: AMT **SS** series.

The U2 Pre/Post FX firmware has a special mode that lets to use two AMT Bricks preamps in the chain.



In this mode, you just select a preamp by pressing on its footswitch, the other preamp goes into the bypass mode, and simultaneously a preset in the U2 is being changed. The U2 footswitch can be used to turn on/off the U2 controllers.



Pic. 2 — The U2 Pre/Post two-preamp mode chain (Two AMT Bricks preamps).

The U2 Pre/Post output is OUT L. This is a balanced output.

The output level can be adjusted from + 4dBV to zero and, accordingly, this output can be used with both line and microphone inputs. When using a cable with a TS connector, the output can be used as unbalanced.

If the IR cabsim is ON, the signal can be sent to a Line (mixer, sound card, etc), or to an Amp's Return — if the IR cabsim is OFF.