

AMPLIFIER SWITCHING:

If there are four preamps installed, pressing & releasing the Channel Select switch within half-a-second will change the channel from 1 to 2, pressing & releasing again 2 to 3, and again 3 to 4, and once again 4 to 1.

SAVING A PRESET:

Pressing and holding the channel select switch for 1 second will store the current setting.

MIDI CHANNEL SELECTION:

The MIDI Channel (1 - 16) is selected via an **internal** four position DIP switch (S1). The MIDI **Channel must be selected with the power off.**

CHAN.	S1-4	S1-3	S1-2	S1-1
1	on	on	on	on
2	on	on	on	off
3	on	on	off	on
4	on	on	off	off
5	on	off	on	on
6	on	off	on	off
7	on	off	off	on
8	on	off	off	off
9	off	on	on	on
10	off	on	on	off
11	off	on	off	on
12	off	on	off	off
13	off	off	on	on
14	off	off	on	off
15	off	off	off	on
16	off	off	off	off

PHANTOM POWER:

Pedal power is supplied through "PHANTOM POWER INPUT" on the rear to pins 7 and 6 and also on pins 1 and 3 (internally switchable via S2-1) of the MIDI in jack. Consult your pedal manufacturers manual for power requirements. An external "wall wart" type power supply is required to power a pedal though the MIDI cable.

MIDI (RECEPTION) IMPLEMENTATION:

The EMB board recognizes Program Changes or (NOT both) Control Changes on a pre-selected MIDI Channel, see above for "MIDI Channel Selection".

- (1) Program Changes 1 to 128 select EMB presets 1 to 128, which are saved in EEPROM memory.
- (2) Control Change #56 (w/Control Value 127) allows for "Instant Access" selection of Channel 1.
Control Change #57 (w/Control Value 127) allows for "Instant Access" selection of Channel 2.
Control Change #58 (w/Control Value 127) allows for "Instant Access" selection of Channel 3.
Control Change #59 (w/Control Value 127) allows for "Instant Access" selection of Channel 4.

The first valid MIDI message (Program Change or Control Change) that the EMB board receives will determine how it responds to subsequent MIDI messages. For example; (a) if the first MIDI message the EMB board receives is a Program Change, then it will ONLY respond to Program Changes, ALL Control Change messages will be ignored (b) if the first MIDI message the EMB board receives is a Control Change, then it will ONLY respond to Control Changes, ALL Program Change messages will be ignored.

*** For users of the DMC Ground Control, Control Changes #56 - #61 correspond to GCX #4 Loops 1 - 6, latched.