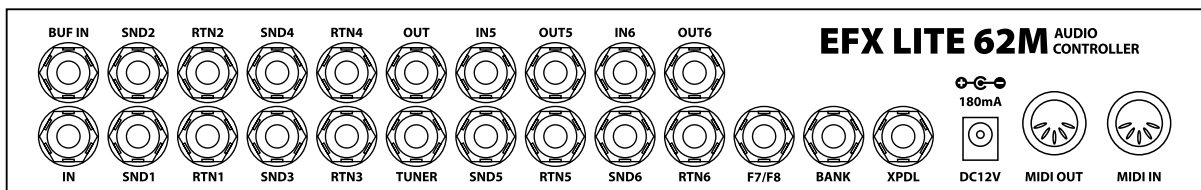
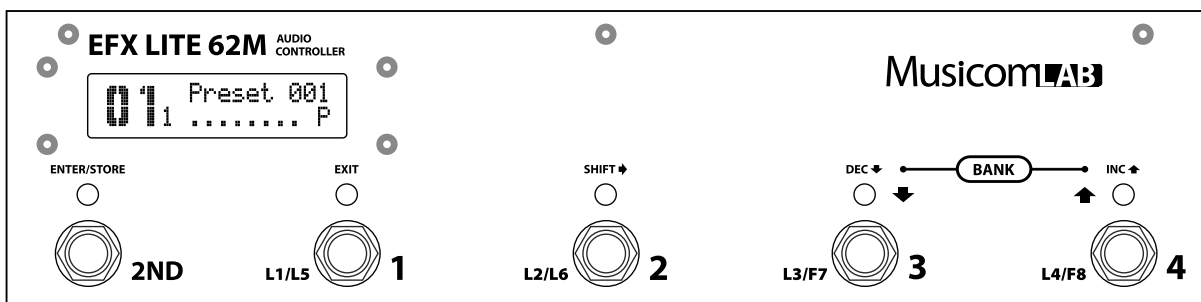


EFX LITE 62M AUDIO CONTROLLER

OWNER'S MANUAL

Version 1.1



Musicom **AB**

SAFETY PRECAUTIONS



WARNING

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION

To reduce the risk of fire or electric shock, do not remove screws. There are no user serviceable parts inside. Refer servicing to qualified service personnel

WARRANTY

Musicom Lab warrants this product against any defects that are due to defective parts or faulty workmanship for a period of one years from the date of original retail purchase. During this one years period, Musicom Lab will repair it without charge for parts or labor. However shipping charges to and from the repair location must be paid by the owner.

- This warranty does not include damage to the product resulting from accident or misuse.
- This warranty shall not apply to any goods that have been repaired or altered by anyone other than the manufacturer.

Contact the following for support and/or repair service.

Mail : Musicom Lab
15-4, Seoreung-ro 15-gil, Eunpyeong-gu, Seoul, 03426, South Korea
Website : <http://www.musicomlab.com>
Email : support@musicomlab.com

Thank you for purchasing the Musicom Lab EFX LITE 62M Audio Controller. This Manual will introduce you to the EFX LITE 62M and its features. Make sure to keep this for future reference.

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1. Introduction

Thank you for purchasing the Musicom Lab EFX LITE 62M Audio Controller.

The EFX LITE 62M Audio Controller is the ultimate floor-based switching system.

It is a compact, easy to use, has 6 fully programmable loops, 2 function switches and a MIDI foot controller.

The EFX LITE 62M Audio Controller has 248 memory locations, configured as 62 banks of 4 presets, plus a global preset. It can transmit 6 MIDI Program Change messages on 6 MIDI channels and 16 MIDI Control Change messages on an appointed MIDI channel.

Also one continuous controller port(XPDL) is included and can be programmed with a designated MIDI channel and controller number.

The EFX LITE 62M Audio Controller has a low-noise, high quality buffer to prevent the loss of guitar signal. The input buffer can be bypassed for Hi-Z input pedals such as Fuzzes etc.

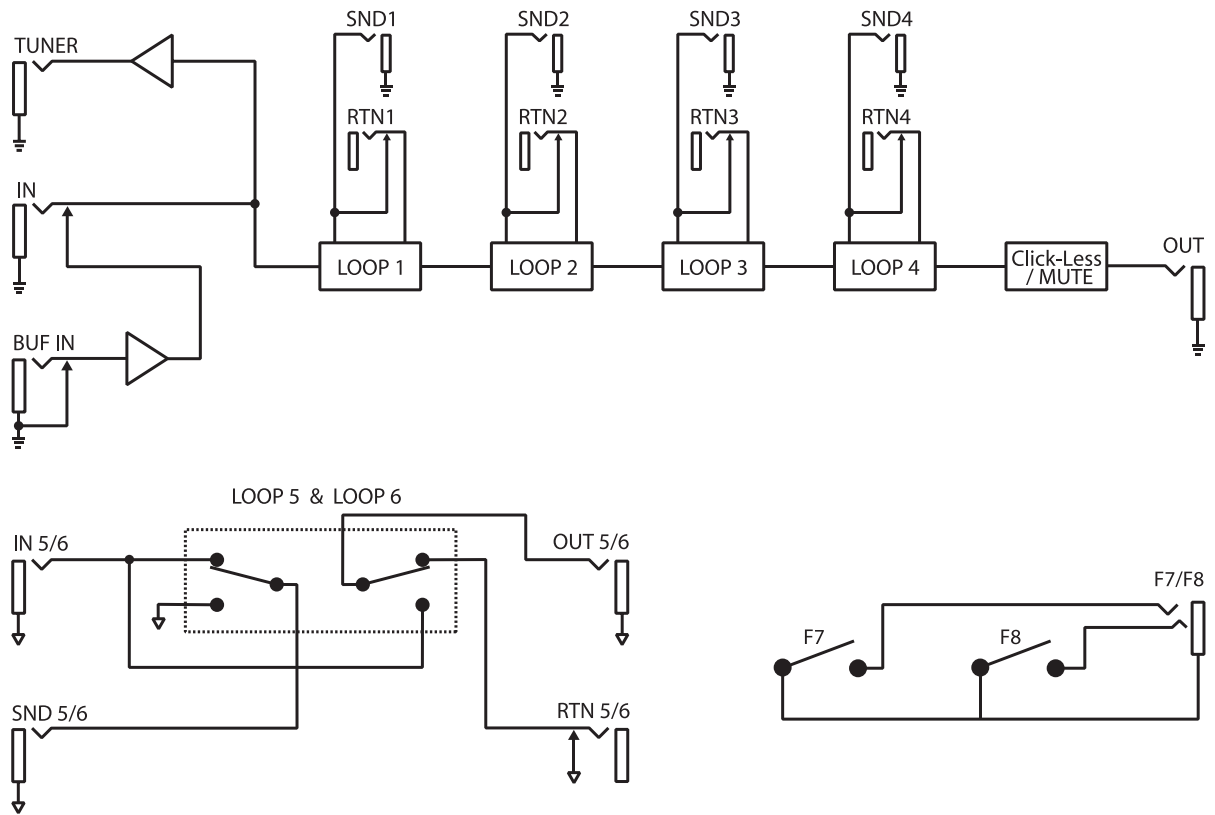
1.1 Main Features

- 6 audio loops arranged in a group of 4/1/1.
- Last 2 audio loops will act as function switch.
- 2 function switches (latched or momentary).
- 4 presets per bank
- 4 presets per song
- 249 preset memory locations
- 62 banks of 4 presets, plus a Global Preset
- One expression pedal port (global or preset)
- Song and Set modes
- Create up to 99 songs
- Organize the 99 Songs into 9 sets of 32 songs
- 2-line x 16-character LCD display with backlight
- Easily copy presets, banks, songs and sets
- Easily name presets and songs
- Bulk data dump and load capability
- Heavy-duty stomp switches and gold-plated relays

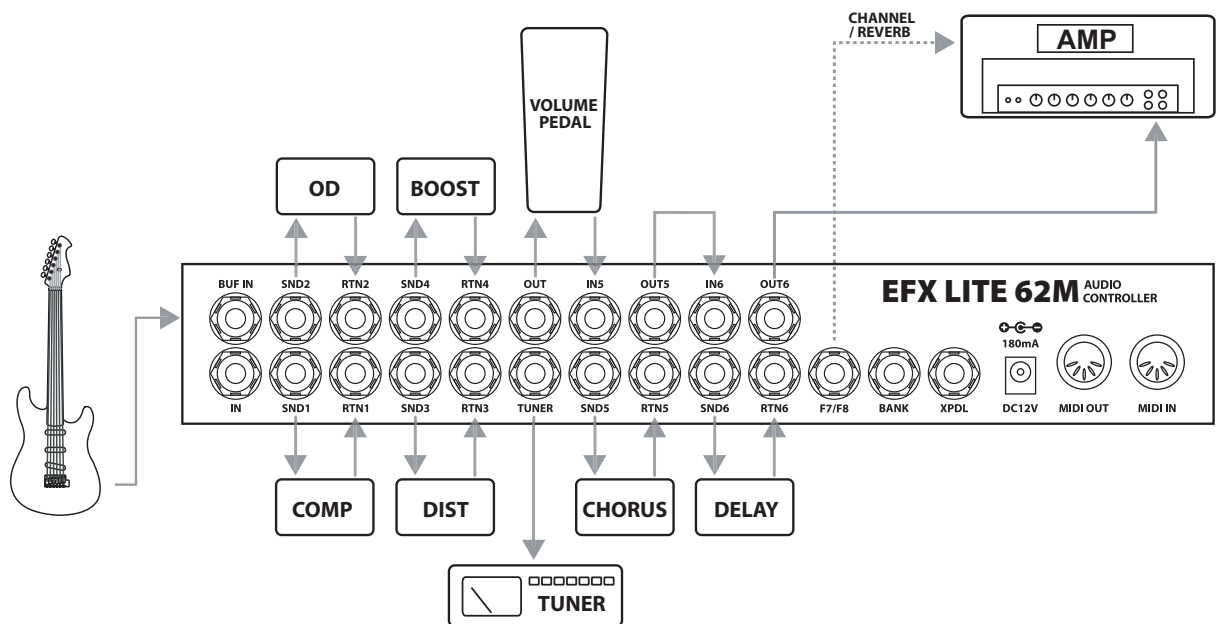
1.2 Specifications

- Buffer Input Impedance 1 M Ω
- Buffer Output Impedance 150 Ω
- Current Draw 180 mA (DC12V Center Negative)
- Dimensions 310(W) x 82(D) x 52(H) mm
12.2(W) x 3.2(D) x 2.1(H) inches
- Weight 880 g / 2.0 lbs

1.3 Block Diagram



1.4 Basic Connection

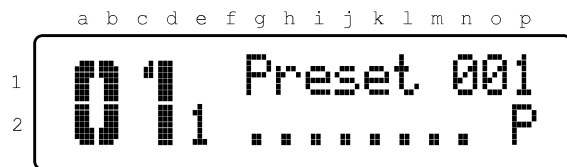


2. Fundamentals

The EFX LITE 62M has three different operating modes, plus Instant Access Mode and Edit Mode. The operating modes are Preset(PRST), Song(SONG) and Set(SET1-SET9)

2.1 Preset Mode

The Preset Operating Mode allows the EFX LITE 62M to behave like a standard footcontroller with bank(62) of preset(4) plus a Global Preset.



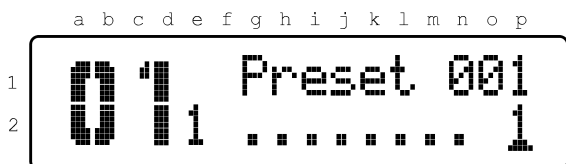
- Line 1 and 2 - a to d indicate a bank number.
- Line 1 - e to p indicate the preset title.
- Line 2 - e indicates the preset (1 to 4) within the bank.
- Line 2 - g to n indicate the on/off status of loops and function switches.
- Line 2 - p indicates the preset mode.

- ① Press/hold the **2ND** switch for 1 second. The LEDs above the **3** and **4** switches and the bank number on the display will start flashing.
- ② Press the **3**(BANK DOWN) or **4**(BANK UP) switches to scroll through the 62 available banks.
- ③ Press the **2ND** switch. The LEDs above the **3** and **4** switches will stop flashing.
- ④ The preset is selected via pressing any switches from **1** through **4**. The bank number will stop flashing and the LED above the switch turn on.

NOTE : If you want to select the preset 1 or 2, skip the procedure ③~④ and press the **1** or **2** switch.

The global preset is a preset with all the capabilities of preset 1 through 4, but is the same for all banks. Pressing the switch of a preset that is already on selects the global preset and will cause the LED above the switch to turn off.

How to edit Presets (Instant Access Mode)



- Line 1 and 2 - a to d indicate a bank or song number.
- Line 1 - e to p indicate the preset or song title.
- Line 2 - e indicates the preset (1 to 5) within the bank or song.
- Line 2 - g to n indicate the on/off status of loops and function switches.
- Line 2 - p indicates the instant access page (1 to 4 with underscore).

- ① Select the preset to be programmed in the Preset, Song or Set Mode.
 - ② Press the **2ND** switch to enter the Instant Access Mode.
The 4 LEDs above the **1 ~ 4** switches will indicate the corresponding Loop1 ~ Loop4 as on or off.
 - ③ Press the **1** through **4** switches to turn the corresponding Loop1 ~ Loop4 on or off.
The corresponding LEDs will go on or off.
 - ④ Press the **2ND** switch.
The 4 LEDs above the **1 ~ 4** switches will indicate the corresponding Loop5, Loop6, Function Switch7 and Function Switch8 as on or off.
 - ⑤ Press the **1** through **4** switches to turn the corresponding Loop5, Loop6, Function Switch7 and Function Switch8 on or off. The corresponding LEDs will go on or off.
 - ⑥ Press the **2ND** switch.
The 4 LEDs above the **1 ~ 4** switches will indicate the corresponding CC.A ~ CC.D as on or off.
 - ⑦ Press the **1** through **4** switches to turn the corresponding CC.A ~ CC.D on or off.
The corresponding LEDs will go on or off.
 - ⑧ Press the **2ND** switch.
The 4 LEDs above the **1 ~ 4** switches will indicate the corresponding CC.E ~ CC.H as on or off.
 - ⑨ Press the **1** through **4** switches to turn the corresponding CC.E ~ CC.H on or off.
The corresponding LEDs will go on or off.
 - ⑩ Press & hold the **2ND** switch for 1 second to store the edit and return to Preset, Song or Set Mode. For the other side, press & hold the **2ND** switch and quickly press the **1** switch to return to Preset, Song or Set Mode without storing the edit.
- Max IA Page can be used to prevent access higher-numbered IA pages. Refer to the Maximum Instant Access Page on the page 29.

Mute

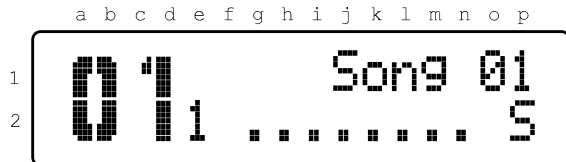
Press & hold the switch of a preset that is already on, for 1 second. The audio signal will be muted. Press the any preset switch to cancel the mute function. The mute function is not available on the global preset.

Refer to the **1.3 Block Diagram** on the page 5.

2.2 Song Mode

The Song Operating Mode allows access to the EFX LITE 62M's 99 songs. Songs are basically a custom bank of the EFX LITE 62M's regular (banked) presets, arranged so that all the presets necessary during the performance of a song are available in one bank (conveniently called a song).

Refer to the 8.1 Operating Mode on the page 28 to select the EFX LITE 62M's Song Mode.



- Line 1 and 2 - a to d indicate a song number.
- Line 1 - e to p indicate the song title.
- Line 2 - e indicates the preset (1 to 4) within the song.
- Line 2 - g to n indicate the on/off status of loops and function switches.
- Line 2 - p indicates the song mode.

- ① Press/hold the **2ND** switch for 1 second. The LEDs above the **3** and **4** switches and the song number on the display will start flashing.
- ② Press the **3**(BANK DOWN) or **4**(BANK UP) switches to scroll through the 99 available songs.
- ③ Press the **2ND** switch. The LEDs above the **3** and **4** switches will stop flashing.
- ④ The preset is selected via pressing any switches from **1** through **4**. The song number will stop flashing and the LED above the switch turn on.

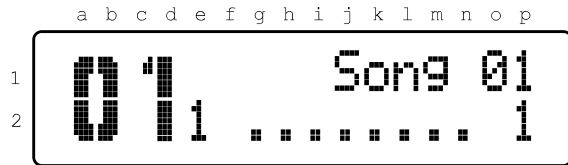
NOTE : If you want to select the preset 1 or 2, skip the procedure ③~④ and press the **1** or **2** switch.

The global preset is a preset with all the capabilities of preset 1 through 4, but is the same for all songs. Pressing the switch of a preset that is already on selects the global preset and will cause the LED above the switch to turn off.

2.3 Set Mode

The SET0 - SET9 Operating Mode allows up to 32 of the EFX LITE 62M's 99 songs to be arranged in any order to create a set. The EFX LITE 62M can support 9 different sets.

Refer to the 8.1 Operating Mode on the page 28 to select the EFX LITE 62M's Set Mode.



- Line 1 and 2 - a to d indicate a song number.
- Line 1 - e to p indicate the song titles.
- Line 2 - e indicates the preset (1 to 5) within the song.
- Line 2 - g to n indicate the on/off status of loops and function switches.
- Line 2 - p indicates the current set mode (1 to 9).

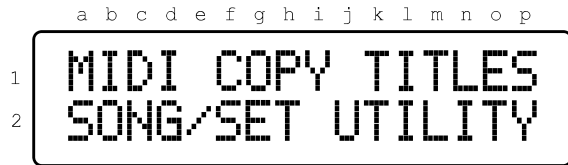
- ① Press/hold the **2ND** switch for 1 second. The LEDs above the **3** and **4** switches and the song number on the display will start flashing.
- ② Press the **3**(BANK DOWN) or **4**(BANK UP) switches to scroll through the 32 available songs.
- ③ Press the **2ND** switch. The LEDs above the **3** and **4** switches will stop blinking.
- ④ The preset is selected via pressing any switches from **1** through **4**. The song number will stop flashing and the LED above the switch turn on.

NOTE : If you want to select the preset 1 or 2, skip the procedure ③~④ and press the **1** or **2** switch.

The global preset is a preset with all the capabilities of preset 1 through 4, but is the same for all songs. Pressing the switch of a preset that is already on selects the global preset and will cause the LED above the switch to turn off.

3. EDIT Mode

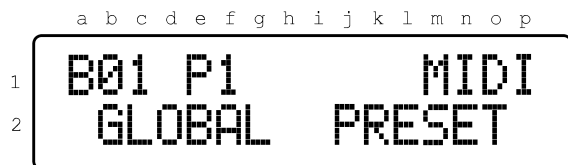
To enter the Edit Mode, press and hold the **2ND** switch and quickly press the **1** switch. The display will show (the following Edit Menu).



- SHIFT➡ (2)** Move the menu selection from left to right (and back)
- ENTER/STORE (2ND)** Enter to the selected menu
- EXIT (1)** Exit from the edit mode.

4. MIDI Menu

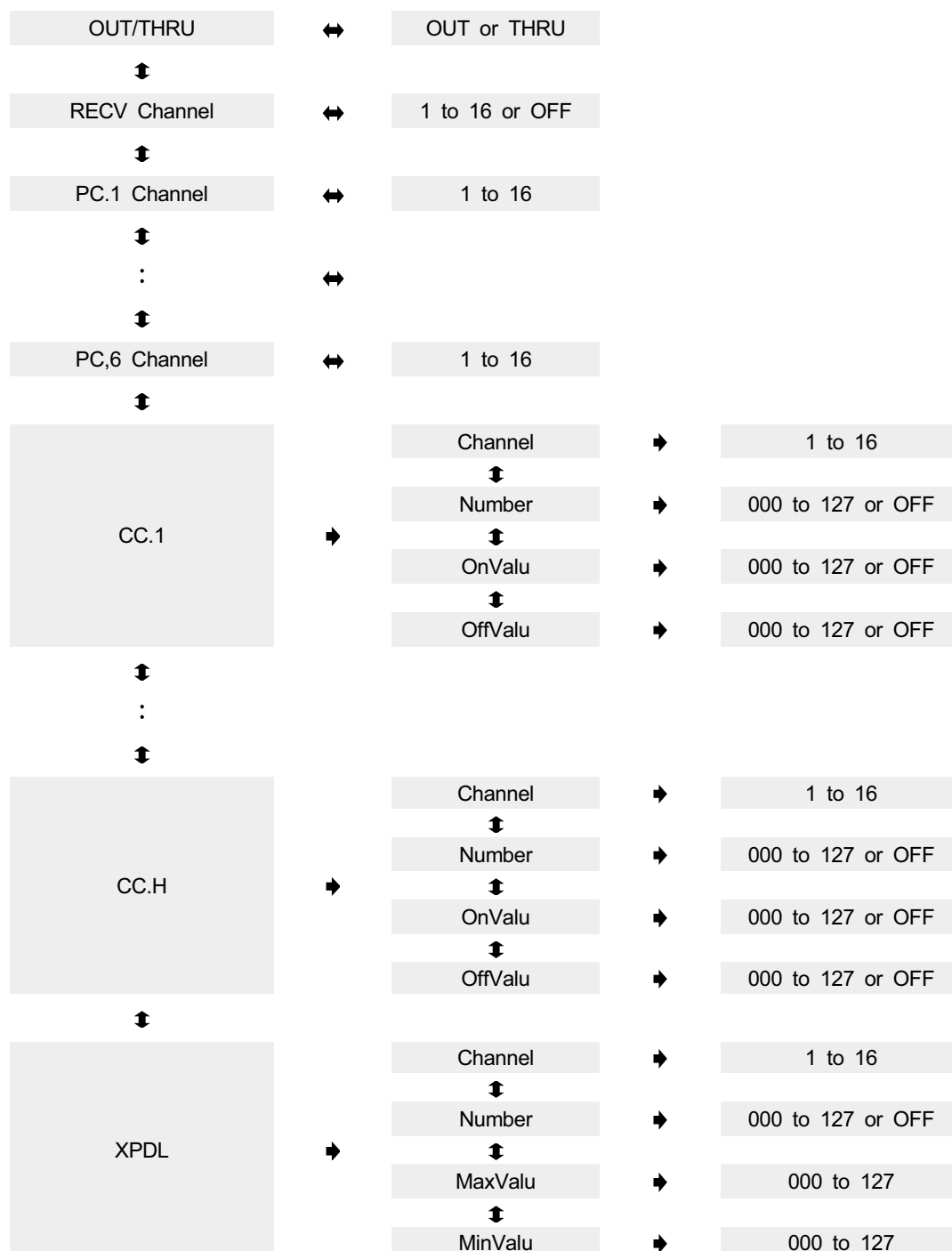
The MIDI Menu provides access to the MIDI features of the EFX LITE 62M.



- SHIFT➡ (2)** Move the menu selection from left to right (and back)
- ENTER/STORE (2ND)** Enter to the selected menu
- EXIT (1)** Exit from the MIDI menu

4.1 Global Setting

The Global Setting Menu allows defining global parameters such as ; the MIDI channel that the EFX LITE 62M will respond to incoming MIDI messages on, the MIDI program/control change channel and control number/value that the EFX LITE 62M will transmit, and expression pedal port control change setting.



4.1.1 MIDI OUT/THRU

The MIDI OUT/THRU connector of the EFX LITE 6M functions as a MIDI OUT or MIDI THRU. When MIDI OUT operation is selected, MIDI data in the EFX LITE 62M are transmitted via the MIDI OUT connector. When MIDI THRU operation is selected, received MIDI data via the MIDI IN connector is retransmitted via the MIDI OUT connector. In this case, MIDI data in the EFX LITE 62M are not transmitted.



- Line 2 - l to p on the display indicate the MIDI OUT or MIDI THRU(OUT/THRU).

- SHIFT➡ (2)** Move the menu selection from left to right (and back)
- DEC↵ (3) & INC⬆ (4)**
- Move to the previous/next Global Setting menu
 - Switch/toggle the MIDI OUT and MIDI THRU
- ENTER/STORE (2ND)** Store any changes made while in the selected menu
- EXIT (1)** Exit to the MIDI menu

4.1.2 Receive MIDI Channel

The EFX LITE 62M can receive the MIDI program change message. The receive MIDI channel can be set to any individual channel from 1 to through 16, or reception can be turned off.



- Line 2 - n to p on the display indicate the MIDI program change channel(01 to 16 or OFF) that the EFX LITE 62M will receive.

- SHIFT➡ (2)** Move the menu selection from left to right (and back)
- DEC↵ (3) & INC⬆ (4)**
- Move to the previous/next Global Setting menu
 - Increase/decrease through the 16 MIDI channel (01 to 16 or OFF)
- ENTER/STORE (2ND)** Store any changes made while in the selected menu
- EXIT (1)** Exit to the MIDI menu

4.1.3 MIDI Program Change Channel

The EFX LITE 62M can transmit 6 MIDI program change messages (PC1 to PC6). Six MIDI program change messages are transmitted when an EFX LITE 62M preset is recalled to aid in selecting the desired preset on an external MIDI device. This menu allows for the assignment of MIDI program change channels.

```
      a b c d e f g h i j k l m n o p
1  B01 P1          MIDI
2  PC.1 Channel  01
```

- Line 2 - d indicates the MIDI program change (1 to 6).
- Line 2 - o and p indicate the MIDI program change channel (01 to 16) that the EFX LITE 62M will transmit.

SHIFT→ (2) Move the menu selection from left to right (and back)

DEC↓ (3) & INC↑ (4)

- Move to the previous/next Global Setting menu
- Increase/decrease through the 16 MIDI channel (01 to 16)

ENTER/STORE (2ND) Store any changes made while in the selected menu

EXIT (1) Exit to the MIDI menu

4.1.4 MIDI Control Change Channel/Number/Value

The EFX LITE 62M can transmit up to 16 MIDI control change messages (CC.1 to CC.8 and CC.A to CC.H). This menu allows for the assignment of MIDI control changes.

```

a b c d e f g h i j k l m n o p
1 B01 P1          MIDI
2 CC.1 Channel 01

```

- Line 2 - d indicates the MIDI control change (1 to 8 and A to H).
- Line 2 - o and p indicate the MIDI control change channel (01 to 16).

```

a b c d e f g h i j k l m n o p
1 B01 P1          MIDI
2 CC.1 Number OFF

```

- Line 2 - d indicates the MIDI control change (1 to 8 and A to H).
- Line 2 - n to p indicate the MIDI control change number (000 to 127 or OFF).

```

a b c d e f g h i j k l m n o p
1 B01 P1          MIDI
2 CC.1 OnValu 127

```

- Line 2 - d indicates the MIDI control change (1 to 8 and A to H).
- Line 2 - n to p indicate the MIDI control change value (000 to 127 or OFF) when a instant access switch will be 'ON'.

```

a b c d e f g h i j k l m n o p
1 B01 P1          MIDI
2 CC.1 OffValu 000

```

- Line 2 - d indicates the MIDI control change (1 to 8 and A to H).
- Line 2 - n to p on the display indicate the MIDI control change value (000 to 127 or OFF) when a instant access switch will be 'OFF'.

SHIFT➡ (2) Move the menu selection from left to right (and back)

DEC↵ (3) & INC⬆ (4)

- Move to the previous/next Global Setting menu
- Move/scroll the Channel/Number/OnValu/OffValu menu
- Increase/decrease the current value
 - Channel : 01 to 16
 - Number : 000 to 127 or OFF
 - On Value : 000 to 127 or OFF
 - Off Value : 000 to 127 or OFF

ENTER/STORE (2ND) Store any changes made while in the selected menu

EXIT (1) Exit to the MIDI menu

4.1.5 XPDL Global Setting

This menu allows assigning the global setting(MIDI control change channel, number, maximum value and minimum value) for the expression pedal port.

```

a b c d e f g h i j k l m n o p
1 B01 P1          MIDI
2 XPDL Channel  01

```

- Line 2 - o and p indicate the XPDL MIDI control change channel (01 to 16).

```

a b c d e f g h i j k l m n o p
1 B01 P1          MIDI
2 XPDL Number    OFF

```

- Line 2 - n to p indicate the XPDL MIDI control change number (000 to 127 or OFF).

```

a b c d e f g h i j k l m n o p
1 B01 P1          MIDI
2 XPDL MaxValu  127

```

- Line 2 - n to p indicate the highest XPDL MIDI control change value (000 to 127) that the expression pedal port can transmit when its pedal is moved.

```

a b c d e f g h i j k l m n o p
1 B01 P1          MIDI
2 XPDL MinValu  000

```

- Line 2 - n to p indicate the lowest XPDL MIDI control change value (000 to 127) that the expression pedal port can transmit when its pedal is moved.

SHIFT→ (2)

Move the menu selection from left to right (and back)

DEC↓ (3) & INC↑ (4)

- Move to the previous/next Global Setting menu
- Move/scroll the Channel/Number/MaxValu/MinValu menu
- Increase/decrease the current value
 - Channel : 01 to 16
 - Number : 000 to 127 or OFF
 - Maximum Value : 000 to 127
 - Minimum Value : 000 to 127

ENTER/STORE (2ND)

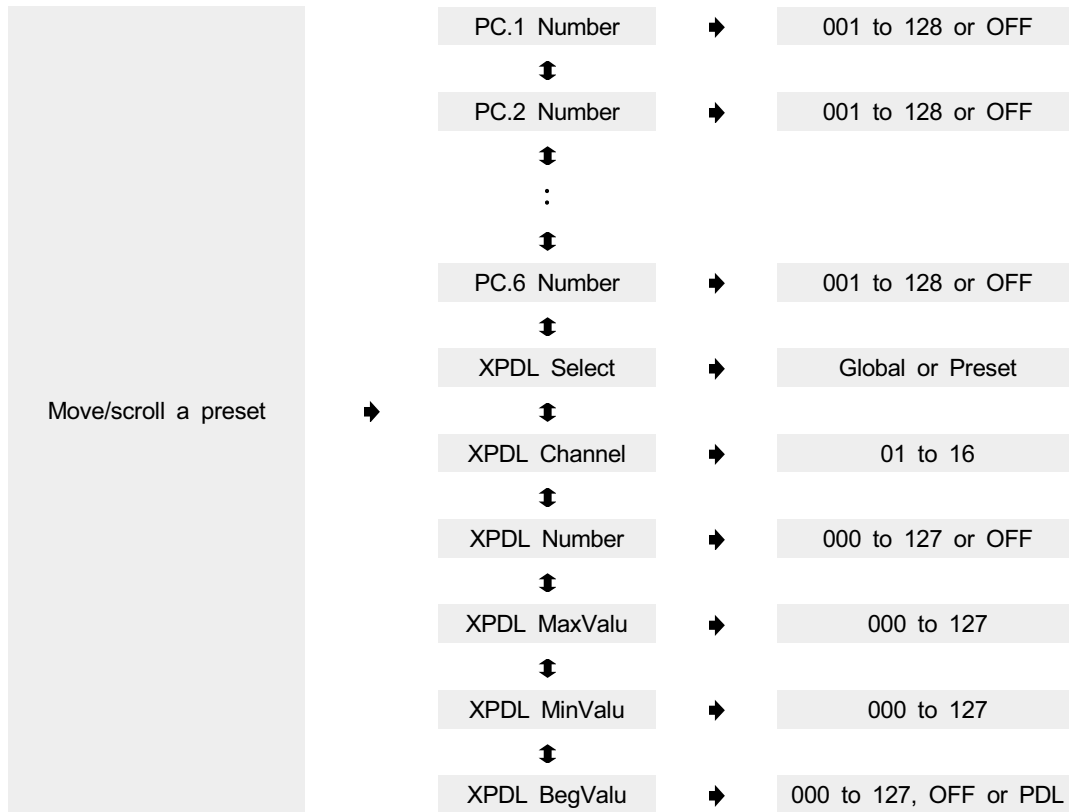
Store any changes made while in the selected menu

EXIT (1)

Exit to the MIDI menu

4.2 Preset Setting

The menu allows assigning 6 MIDI program change number and determining how the expression port will function when used function in the preset.



4.2.1 MIDI Program Change Number

The EFX LITE 62M can transmit 6 MIDI program change messages (PC.1 to PC.6). Six MIDI program change messages are transmitted when an EFX LITE 62M preset is recalled to aid in selecting the desired preset on an external MIDI device. This sub-menu allows for the assignment of MIDI program change numbers.

```
      a b c d e f g h i j k l m n o p
1  B01 P1          MIDI
2  PC.1 Number  001
```

- Line 1 - b and c indicate the bank number (01 to 62) that the preset is located in.
- Line 1 - f indicates the preset (1 to 4 or 0 for the Global Preset) that is going to be created/modified.
- Line 2 - d indicates the MIDI program change (1 to 6).
- Line 2 - n to p indicate the MIDI program change number(001 to 128 or OFF) that the EFX LITE 62M will transmit.

SHIFT→ (2) Move the menu selection from left to right (and back)

DEC↓ (3) & INC↑ (4)

- Move/scroll a bank/preset number
- Move/scroll the PC.1 Number to PC.6 Number or XPDL menu
- Increase/decrease the current value
 - Number : 01 to 128 or OFF

ENTER/STORE (2ND) Store any changes made while in the selected menu

EXIT (1) Exit to the MIDI menu

4.2.2 XPDL Preset Setting

The expression pedal port can be set to use its global setting or preset setting specific setting for MIDI control change channel, number, maximum, minimum and beginning values.

```
  a b c d e f g h i j k l m n o p  
1 B01 P1          MIDI  
2 XPDL Select GLOB
```

- Line 1 - b and c indicate the bank number (01 to 62) that the preset is located in.
- Line 1 - f indicates the preset (1 to 4 or 0 for the Global Preset) that is going to be created/modified.
- Line 2 - m to p indicate whether the XPDL is configured as Global (GLOB) or Preset (PRST).

```
  a b c d e f g h i j k l m n o p  
1 B01 P1          MIDI  
2 XPDL Channel 01
```

- Line 2 - o and p indicate the XPDL MIDI control change channel (01 to 16).

```
  a b c d e f g h i j k l m n o p  
1 B01 P1          MIDI  
2 XPDL Number OFF
```

- Line 2 - n to p indicate the XPDL MIDI control change number (000 to 127 or OFF).

```
  a b c d e f g h i j k l m n o p  
1 B01 P1          MIDI  
2 XPDL MaxValu 127
```

- Line 2 - n to p indicate the highest XPDL MIDI control change value (000 to 127) that the expression pedal port can transmit when its pedal is moved.

```
  a b c d e f g h i j k l m n o p  
1 B01 P1          MIDI  
2 XPDL MinValu 000
```

- Line 2 - n to p indicate the lowest XPDL MIDI control change value (000 to 127) that the expression pedal port can transmit when its pedal is moved.

a b c d e f g h i j k l m n o p

1	B01 P1 MIDI
2	XPDL BegValu OFF

- Line 2 - n to p indicate the initial XPDL MIDI control change value (000 to 127, or OFF) that the expression pedal port will transmit when the preset is selected.

SHIFT➡ (2) Move the menu selection from left to right (and back)

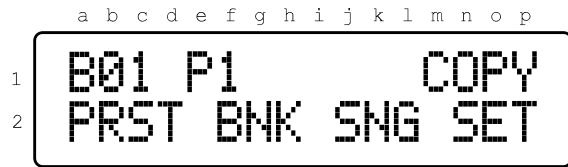
- DEC↵ (3) & INC⬆ (4)**
- Move/scroll a bank/preset number
 - Move/scroll the XPDL Select/Channel/Number/MaxValu/MinValu/BegValu or PC.x Number
 - Increase/decrease the current value
 - Select : Global(GLOB) or Preset(PRST)
 - Channel : 01 to 16
 - Number : 000 to 127 or OFF
 - Maximum Value : 000 to 127
 - Minimum Value : 000 to 127
 - beginning Value : 000 to 127 , OFF or PDL

ENTER/STORE (2ND) Store any changes made while in the selected menu

EXIT (1) Exit to the MIDI menu

5. Copy Menu

The Copy Menu allows copying presets, banks, songs and sets from one location to another.



- SHIFT➡ (2)** Move the menu selection from left to right (and back)
 - PRST : Preset Copy
 - BNK : Bank Copy
 - SNG : Song Copy
 - SET : Set Copy

- ENTER/STORE (2ND)** Enter to the selected menu

- EXIT (1)** Exit from the COPY menu

5.1 Preset Copy

The menu allows for a single preset to be copied from one preset location to another.

```
  a b c d e f g h i j k l m n o p
1  B01 P1          COPY
2  B01 P1 To B01 P1
```

- Line 2 - b, c and f indicate the preset that is going to be copied.
- Line 2 - l, m and p indicate the destination preset location to copy to.

- SHIFT→ (2)** Move the menu selection from left to right (and back)
- DEC↓ (3) & INC↑ (4)**
- Move/scroll a preset that is going to be copied
 - Move/scroll a destination preset location to copy to
- ENTER/STORE (2ND)** Copy any changes made while in the selected menu
- EXIT (1)** Exit to the COPY menu

5.2 Bank Copy

The menu allows for an entire bank of five presets to be copied from one bank location to another.

```
  a b c d e f g h i j k l m n o p
1  B01 P1          COPY
2  Bank01 To Bank01
```

- Line 2 - e and f indicate the bank (01 to 62) that is going to be copied.
- Line 2 - o and p indicate the destination bank location (01 to 62) to copy to.

- SHIFT→ (2)** Move the menu selection from left to right (and back)
- DEC↓ (3) & INC↑ (4)**
- Move/scroll a bank that is going to be copied
 - Move/scroll a destination bank location to copy to
- ENTER/STORE (2ND)** Copy any changes made while in the selected menu
- EXIT (1)** Exit to the COPY menu

5.3 Song Copy

The menu allows for a song to be copied from one song location to another. This sub-menu copies the presets and locations associated with the song to be copied.

a b c d e f g h i j k l m n o p

1	B01 P1	COPY
2	Song001 To	Song001

- Line 2 - e and f indicate the song (01 to 99) that is going to be copied.
- Line 2 - o and p indicate the destination song location (01 to 99) to copy to.

- SHIFT→ (2)** Move the menu selection from left to right (and back)
- DEC↓ (3) & INC↑ (4)**
- Move/scroll a song that is going to be copied
 - Move/scroll a destination song location to copy to
- ENTER/STORE (2ND)** Copy any changes made while in the selected menu
- EXIT (1)** Exit to the COPY menu

5.4 Set Copy

The sub-menu allows for an entire set to be copied from one set location to another. This sub-menu copies all of the songs and their order of an entire set (32 songs).

a b c d e f g h i j k l m n o p

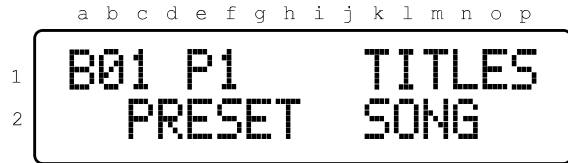
1	B01 P1	COPY
2	Set 1 To	Set 1

- Line 2 - e indicates the set (1 to 9) that is going to be copied.
- Line 2 - p indicates the destination set location (1 to 9) to copy to.

- SHIFT→ (2)** Move the menu selection from left to right (and back)
- DEC↓ (3) & INC↑ (4)**
- Move/scroll a set that is going to be copied
 - Move/scroll a destination set location to copy to
- ENTER/STORE (2ND)** Copy any changes made while in the selected menu
- EXIT (1)** Exit to the COPY menu

6. Titles Menu

The Titles Menu allows for custom titles to be entered for each all presets and songs. Each custom preset and song title can be up to 12 characters in length.



- SHIFT➡ (2)** Move the menu selection from left to right (and back)
 - PRESET : Preset Titles
 - SONG : Song Titles
- ENTER/STORE (2ND)** Enter to the selected menu
- EXIT (1)** Exit from the TITLES menu

6.1 Preset Titles

The menu allows for a custom preset title, up to 12 characters in length, to be created/modified for each of the all presets.

a b c d e f g h i j k l m n o p

```
1 B01 P1 TITLES
2 >>_ Preset 001<<
```

- Line 1 - b, c and f indicate the preset that is going to be created/modified.
- Line 2 - c to n indicate the preset title.

SHIFT→ (2) Move the menu selection or cursor from left to right (and back)

DEC↓ (3) & INC↑ (4)

- Move/scroll a preset that is going to be created/ modified
- Move/scroll through the available characters

ENTER/STORE (2ND) Store any changes made while in the selected menu

EXIT (1) Exit to the TITLES menu

6.2 Song Titles

The menu allows for a custom song title, up to 12 characters in length, to be created/modified for each of the all 99 songs.

a b c d e f g h i j k l m n o p

```
1 S01 TITLES
2 >>_ Song 01<<
```

- Line 1 - b and c indicate the song that is going to be created/modified.
- Line 2 - c to n indicate the song title.

SHIFT→ (2) Move the menu selection or cursor from left to right (and back)

DEC↓ (3) & INC↑ (4)

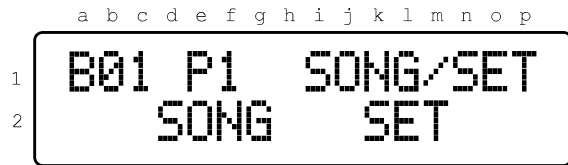
- Move/scroll a song that is going to be created/ modified
- Move/scroll through the available characters

ENTER/STORE (2ND) Store any changes made while in the selected menu

EXIT (1) Exit to the TITLES menu

7. Song/Set Menu

The Song/Set Menu allows for regular presets to be organized in a custom bank to create a song (or custom bank of presets). Multiple songs can then be arranged in a bank order to create a set.



- SHIFT➡ (2)** Move the menu selection from left to right (and back)
 - SONG : Song Create/Edit
 - SET : Set Create/Edit
- ENTER/STORE (2ND)** Enter to the selected menu
- EXIT (1)** Exit from the SONG/SET menu

7.1 Song Create/Edit

The menu allows you to create a song (custom bank of presets) by assigning 4 presets. Each song contains 4 presets. The EFX LITE 62M can support 99 songs, each with a 12 character title, and they can be accessed via SONG and SET1 - SET9 Operating Modes.

a b c d e f g h i j k l m n o p

1	B01 P1	SONG/SET
2	Song901	P1=B01 P1

- Line 2 - e and f on the display indicate the song number (01 to 99) that is going to be created/edited.
- Line 2 - i on the display indicates the preset number (1 to 4) within the song.
- Line 2 - l and m on the display indicate the bank number (01 to 62) that the original preset is located in.
- Line 2 - p on the display indicates the preset number (1 to 4) in the above bank to be used in the song.

SHIFT→ (2) Move the menu selection from left to right (and back)

DEC↓ (3) & INC↑ (4)

- Move/scroll a song/preset number that is going to be created/edited
- Move/scroll a bank/preset number

ENTER/STORE (2ND) Store any changes made while in the selected menu

EXIT (1) Exit to the SONG/SET menu

7.2 Set Create/Edit

The sub-menu allows songs to be arranged in a bank order to create set. The EFX LITE 62M can support 9 sets, they are accessed via SET1 - SET9 Operating Modes.

a b c d e f g h i j k l m n o p

1	B01 P1	SONG/SET
2	Set1	Sng901=Sng01

- Line 2 - d indicates the set number (1 to 9) that is going to be created/edited.
- Line 2 - i and j indicate the song number (01 to 32) within the set.
- Line 2 - o and p indicate the original song number (01 to 99) to be used in the set.

SHIFT→ (2) Move the menu selection or left to right (and back)

DEC↓ (3) & INC↑ (4)

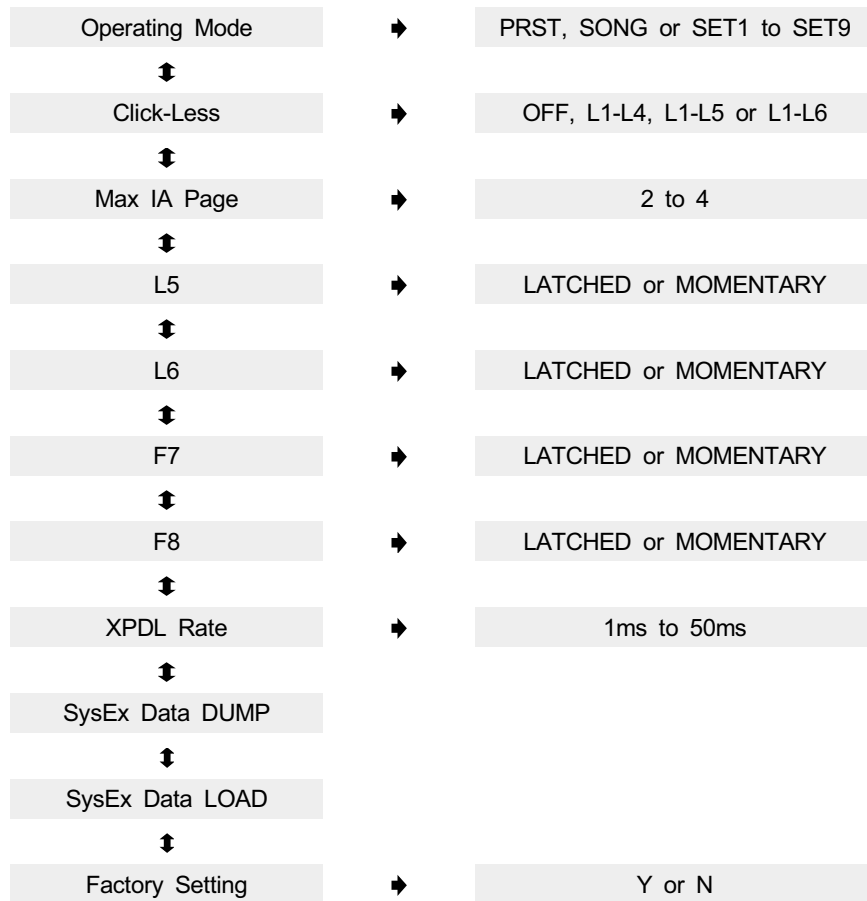
- Move/scroll a set number that is going to be created/edited
- Move/scroll a song number within the set
- Move/scroll a original song number to be used in the set

ENTER/STORE (2ND) Store any changes made while in the selected menu

EXIT (1) Exit to the SONG/SET menu

8. Utility Menu

The Song/Set Menu allows configuring the EFX LITE 62M's general functionality by selecting its operating mode, Click-Less, maximum instant access page and defining how the 4 function switches will function when used. Its sub-menu's also provide access to the data dump/load and factory default setting.



8.1 Operating Mode

The menu allows determining the operating mode of the EFX LITE 62M.

```
  a b c d e f g h i j k l m n o p
1  B01 P1  UTILITY
2  OperateMode PRST
```

- Line 2 - m to p indicate the operation mode (PRST, SONG, SET1 - SET9).

- SHIFT→ (2)** Move the menu selection from left to right (and back)
- DEC↓ (3) & INC↑ (4)**
- Move to the previous/next UTILITY menu
 - Move/scroll through and select the desired operating mode
- ENTER/STORE (2ND)** Store any changes made while in the selected menu
- EXIT (1)** Exit from the UTILITY menu

8.2 Click-Less

The EFX LITE 62M is based on relay switching. This method is utilized to route the audio signal with absolutely no tone coloration or degradation. The disadvantage of relays is that they can produce a slight click noise when they switch on/off. To eliminate this click noise, the EFX LITE 62M will disable the OUT from loop 4 for a very short time while the loops are switching. The Click-Less function is excellent for eliminating this click noise.

The menu allows determining the Click-Less function.

```
  a b c d e f g h i j k l m n o p
1  B01 P1  UTILITY
2  Click-Less L1-L4
```

- Line 2 - l to p indicate the Click-Less function (OFF, L1-L4, L1-L5 or L1-L6).

- SHIFT→ (2)** Move the menu selection from left to right (and back)
- DEC↓ (3) & INC↑ (4)**
- Move to the previous/next UTILITY menu
 - Move/scroll the Click-Less function
- ENTER/STORE (2ND)** Store any changes made while in the selected menu
- EXIT (1)** Exit from the UTILITY menu

8.3 Maximum Instant Access Page

This menu blocks to access to IA pages numbered above the Max IA Page. When set '2', this unit will transmit up to 8 MIDI control change messages (CC.1 to CC.8). When set '3', this unit will transmit up to 12 MIDI control change messages (CC.1 to CC.8 and CC.A to CC.D). When set '4', this unit will transmit up to 16 MIDI control change messages (CC.1 to CC.8 and CC.A to CC.H).

```
  a b c d e f g h i j k l m n o p
1  B01 P1  UTILITY
2  Max IA Page  2
```

- Line 2 - p indicates the Maximum Instant Access Page (2 to 4).

- SHIFT➡ (2)** Move the menu selection from left to right (and back)
- DEC↵ (3) & INC⬆ (4)**
- Move to the previous/next UTILITY menu
 - Move/scroll through and select the desired Max IA page size.
- ENTER/STORE (2ND)** Store any changes made while in the selected menu
- EXIT (1)** Exit from the UTILITY menu

8.4 Switch Type (Latched/Momentary)

The F7 and F8 Operate as mechanical latched or momentary type switches for switching of amplifier channels or on/off control of reverb, etc.

Also the Loop 5 and Loop 6 will be able to act as the F7 and F8. Normally open and normally closed operation are selected by plugging into either the OUT5/6 jacks(for normally open), or the SND5/6 jacks(for normally closed).

The menu allows for the selection of the Latched/Momentary type.

```
  a b c d e f g h i j k l m n o p
1  B01 P1  UTILITY
2  L5  =  LATCHED
```

- Line 2 - a and b indicate a loop (L5, L6) or function switch (F7, F8) that is going to be edited.
- Line 2 - h to p indicate the function switch type (LATCHED or MOMENTARY).

- SHIFT➡ (2)** Move the menu selection from left to right (and back)
- DEC↵ (3) & INC⬆ (4)**
- Move to the previous/next UTILITY menu
 - Switch/toggle the function switch type
- ENTER/STORE (2ND)** Store any changes made while in the selected menu
- EXIT (1)** Exit from the UTILITY menu

8.5 XPDL Rate

The XPDL Rate parameter provides a selectable rate at which the EFX LITE 62M will sample the pedal position and send out MIDI Control Change messages. The XPDL Rate parameter is adjustable from 1 to 50ms. The lower the value selected, the faster the transmission. However, the rate may need to be slowed down for devices where an error may occur from receiving MIDI messages faster than the device can process them.

```
      a b c d e f g h i j k l m n o p
1  B01 P1  UTILITY
2  XPDL Rate  4ms
```

- Line 2 - m to p indicate the XPDL rate (1ms ~ 50ms).

- SHIFT➡ (2)** Move the menu selection from left to right (and back)
- DEC↵ (3) & INC⬆ (4)**
- Move to the previous/next UTILITY menu
 - Move/scroll the XPDL rate
- ENTER/STORE (2ND)** Store any changes made while in the selected menu
- EXIT (1)** Exit from the UTILITY menu

8.6 DATA Dump

This menu allows the EFX LITE 62M user data to be dumped (transmitted) to a computer or another EFX LITE 62M, via this unit's MIDI OUT/THRU jack. User data is dumped as a MIDI System Exclusive message.

```
      a b c d e f g h i j k l m n o p
1  B01 P1  UTILITY
2  SyxEx Data  DUMP
```

- DEC↵ (3) & INC⬆ (4)** Move to the previous/next UTILITY menu
- ENTER/STORE (2ND)** Start dumping
- EXIT (1)** Exit from the UTILITY menu

8.7 DATA Load

This menu allows the EFX LITE 62M user data to be loaded (received) to a computer or another EFX LITE 62M, via this unit's MIDI IN jack. User data is loaded as a MIDI System Exclusive message.

a b c d e f g h i j k l m n o p

1	B01 P1	UTILITY
2	SyxEx Data	LOAD

DEC↵ (3) & **INC**↑ (4) Move to the previous/next UTILITY menu

EXIT (1) Exit from the UTILITY menu

8.8 Factory Default Setting

This sub-menu allows erasing all user data from the internal EEPROM memory.

a b c d e f g h i j k l m n o p

1	B01 P1	UTILITY
2	FactorySetting	N

- Line 2 - p indicates the Yes or No (Y or N).

SHIFT→ (2) Move the menu selection or cursor from left to right (and back)

DEC↵ (3) & **INC**↑ (4)

- Move to the previous/next UTILITY menu
- Switch/toggle the Yes or No

ENTER/STORE (2ND) Start the factory default setting

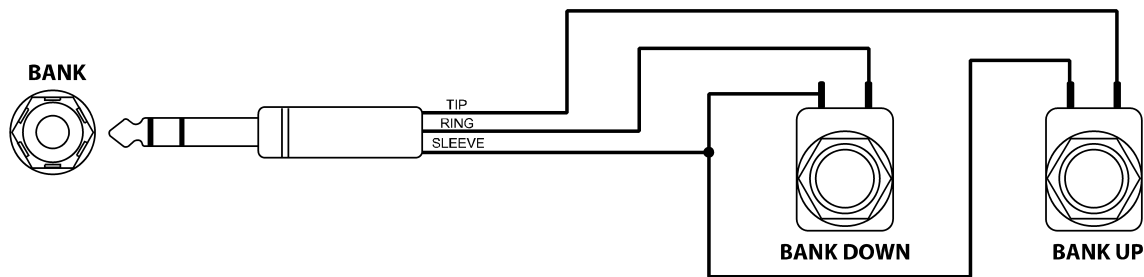
EXIT (1) Exit from the UTILITY menu

9. Cables

9.1 External BANK UP/DOWN Switches

The Bank UP and DOWN can be controlled by the **Momentary & Normally Open** type switches connected to the BANK jack. The cable required is a stereo (TRS) plugs. The BANK UP switch is connected to tip and sleeve. The BANK DOWN switch is connected to ring and sleeve.

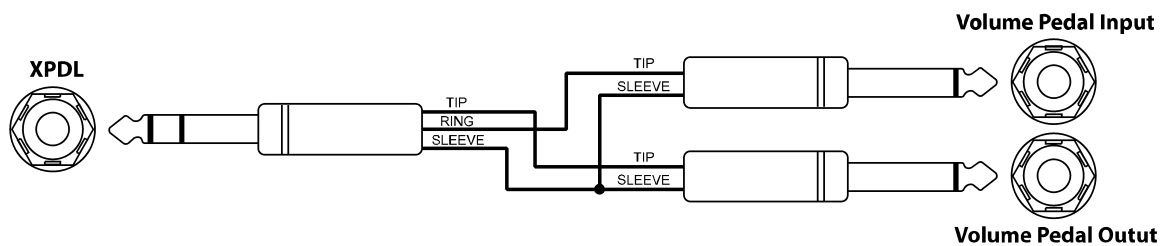
In the Instant Access Mode, the BANK UP switch stores the edit and exit from Instant Access Mode. For the other side, the BANK DOWN switch exits from Instant Access Mode without storing the edit.



9.2 XPDL

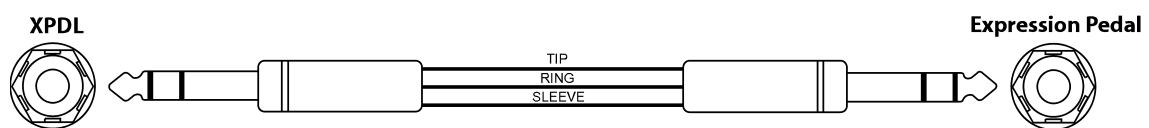
XPDL & Volume Pedal

The cable required is a stereo (TRS) to two mono 1/4" phone plugs. Connect the tip(stereo plug) to the pedal output, ring to the pedal input and sleeve to ground on all 3 plugs.



XPDL & Expression Pedal

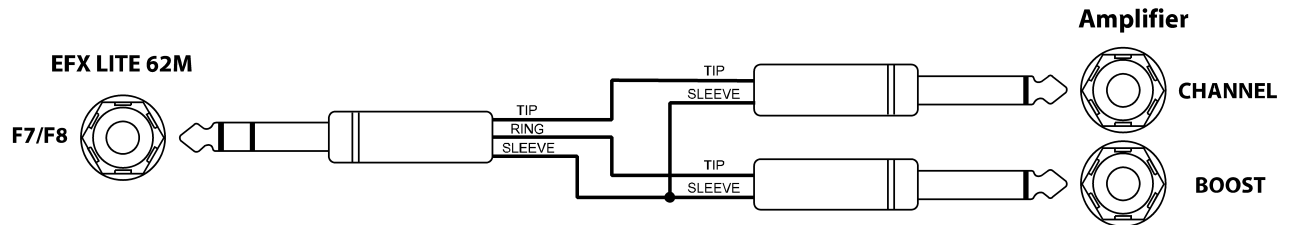
The cable required is a stereo (TRS) to a stereo (TRS) 1/4" phone plugs.



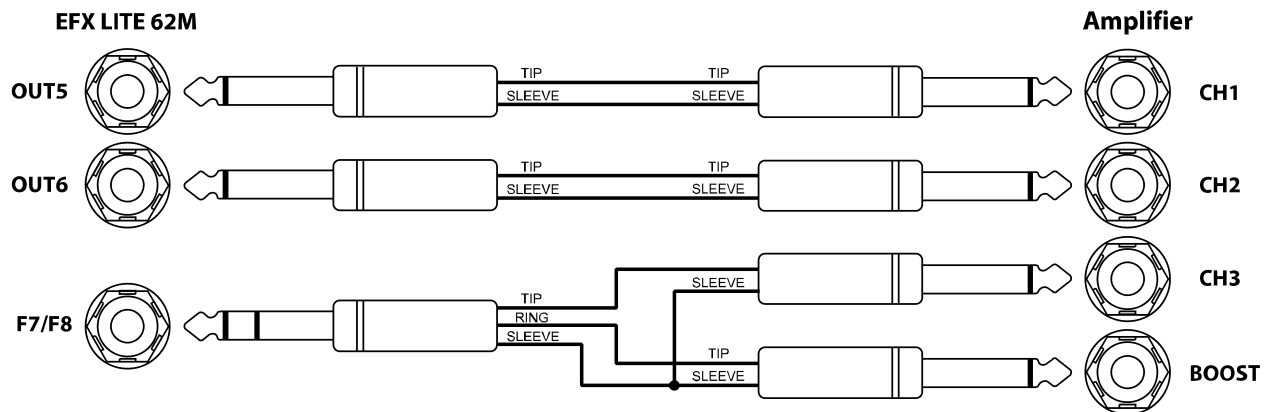
9.3 Functions Switches

The cable required is a stereo (TRS) to two mono 1/4" phone plugs. Connect the tip(stereo plug) to the pedal input, ring to the pedal output and sleeve to ground on all 3 plugs.

2 Funtion Switches

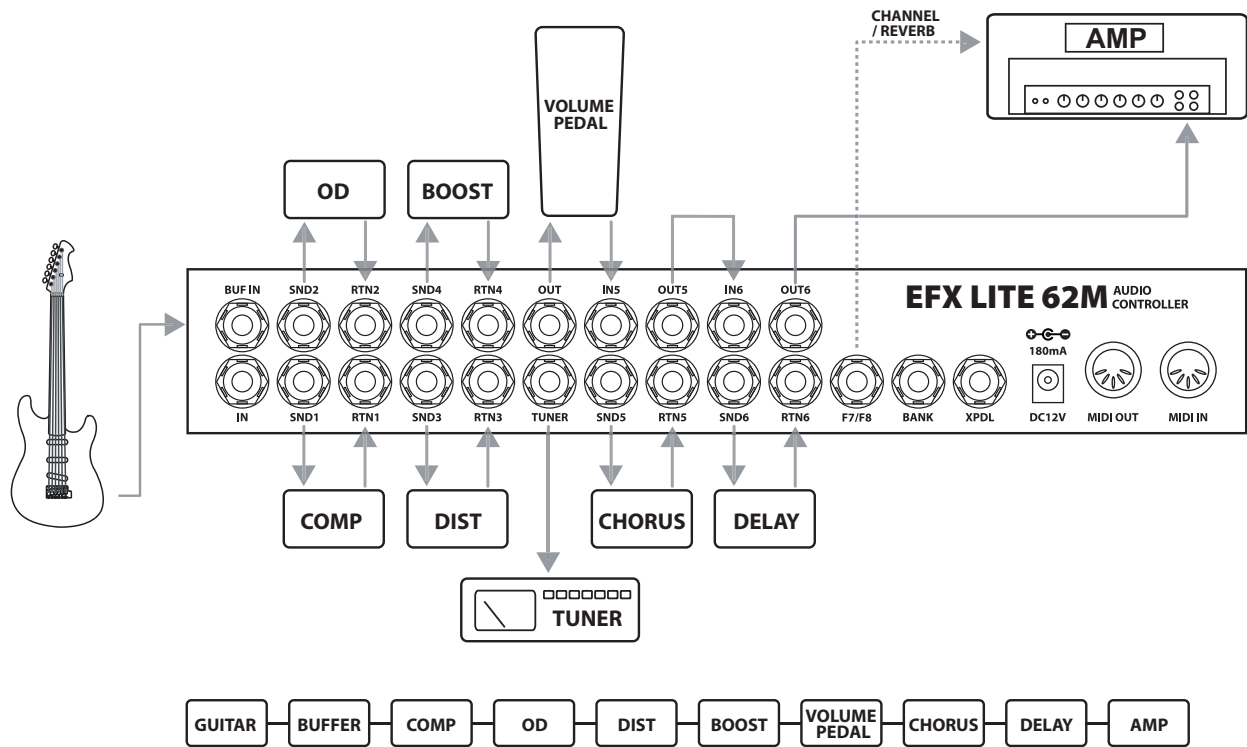


4 Funtion Switches

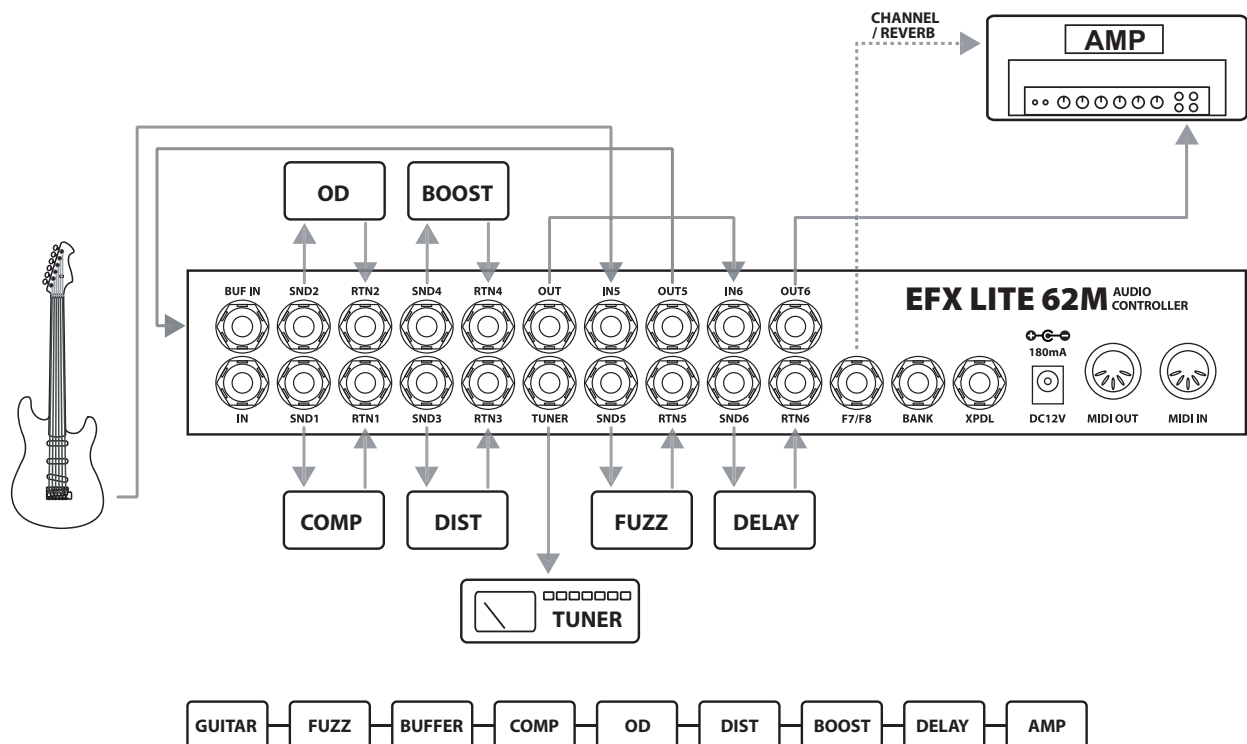


10. Connection Examples

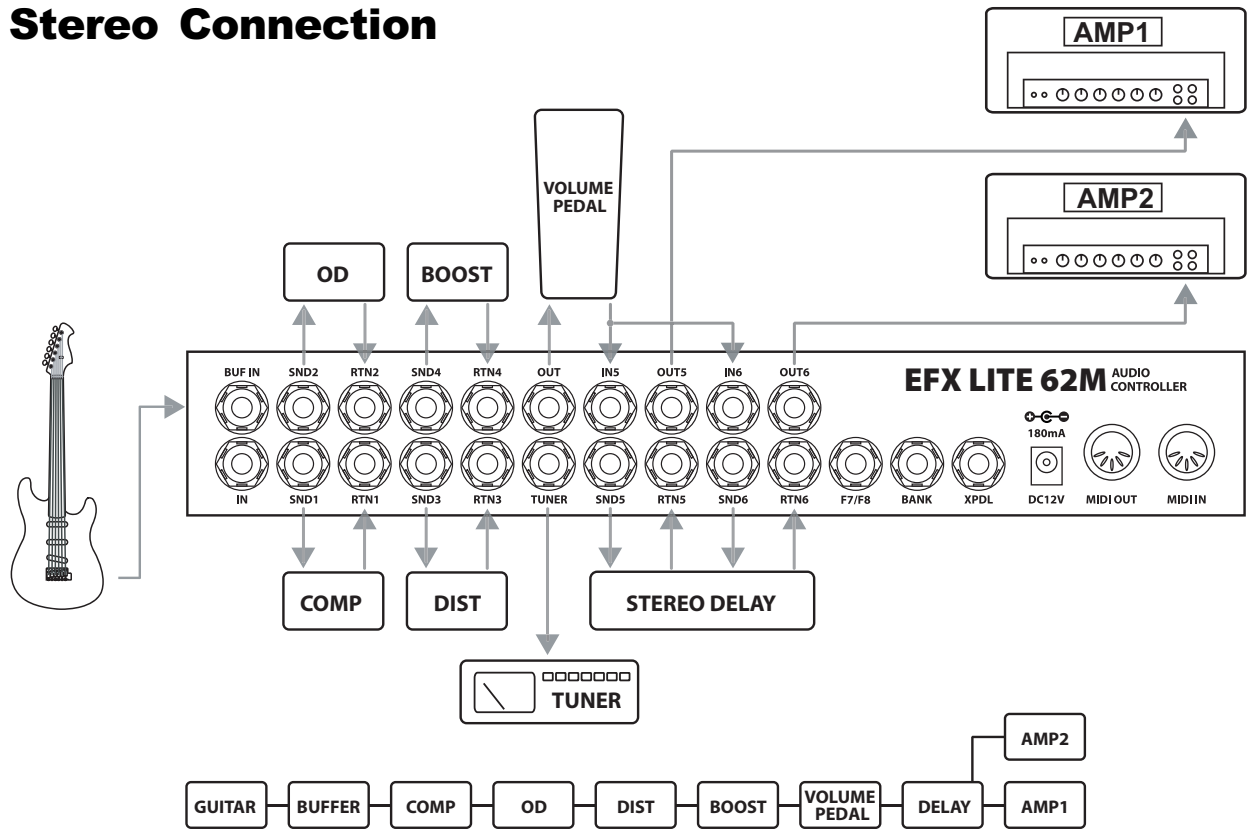
Standard Connection



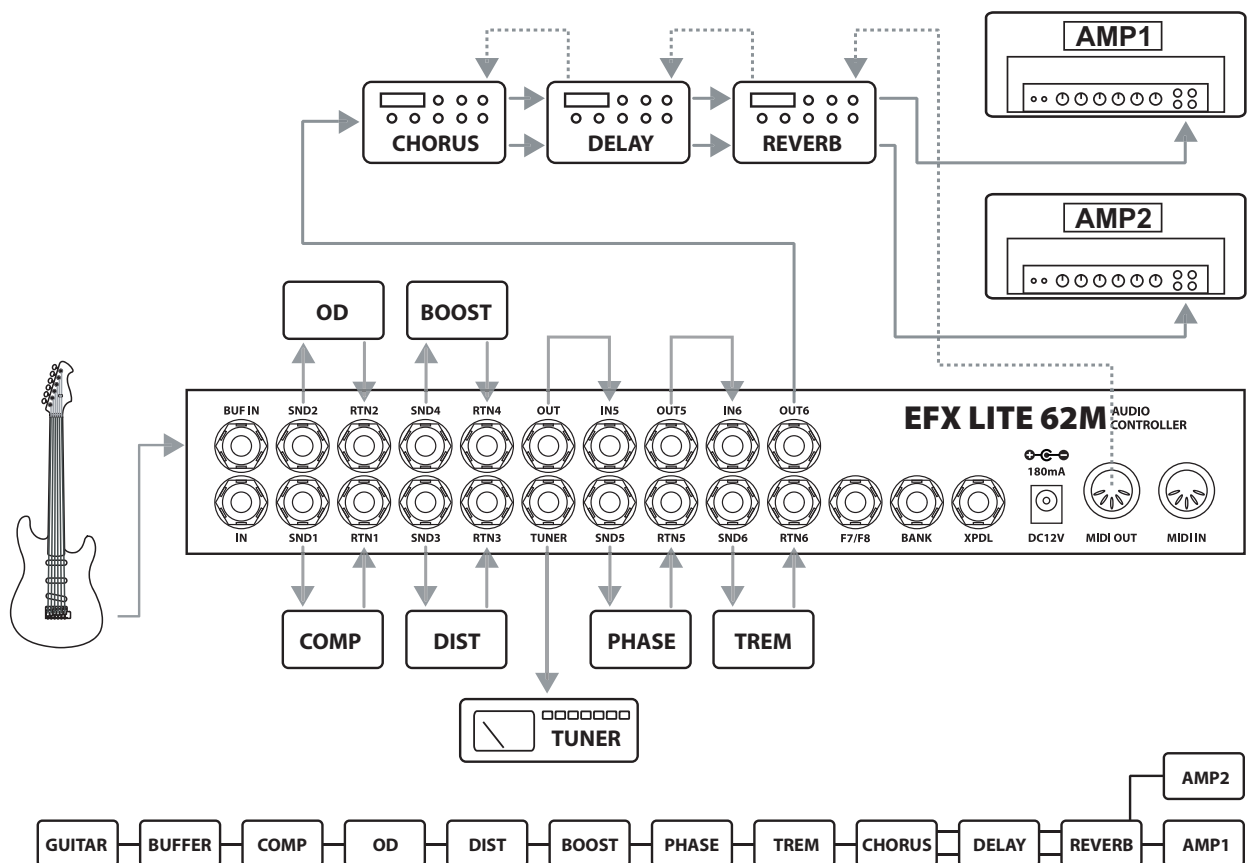
Standard Connection with Fuzz



Stereo Connection



Stereo Connection via MIDI PC & CC



4 Pedals in front of an amp, 2 in FX loop

