



FX8 COMMAND CENTER

SWITCHER / LOOPER

Features:

- Compact footprint:
18.90" (480mm) L x 2.36" (60mm) W x 2.05" (52mm) H
- Instant recall (no latency).
- True bypass design.
- 8 loops in total, 7 series loops and 1 separate loop.
- 2 dedicated foot switches (latch type).
- Individual Tuner/Mute switch.
- Master bypass access.
- Store up to 80 presets, 4 presets per banks, 20 banks.
- Programmable Live/Rehearsal mode:
(Active Bank Setup Mode "ABS").
- Factory Reset.
- Intuitive operation.

USER'S MANUAL

Read this manual before using your FX8 Command Center in order to ensure proper and safe operation.

Contents

Introduction.....	3
Overview	3
(1) BANK DN	3
(2) BANK UP.....	4
(3) A B C D	4
(4) TUNER / Mute.....	4
(5) NUMERICAL (LCD) DISPLAY	4
(6) Master Bypass Access.....	4
(7) LOOP on/off indicator.....	4
(8) FS1/FS2 (Footswitch indicators).....	4
(9) INPUT.....	4
(10) TUNER.....	4
(11) (S1,R1), (S2,R2) (S7,R7).....	4
(12) OUTPUT.....	4
(13) DC Jack.....	5
(14) LOOP8	5
(15) FOOTSWITCH Jacks.....	5
Set up:	5
Primary Functions:	6
Secondary Functions:	7
Restoring Factory Presets:.....	8
Specifications	8
Signal Flow Chart.....	8
Operational Flow Chart	9
Typical Setup Configuration Diagrams	10
Glossary	12
Warranty.....	12

Read all Warnings and Cautions before operating your FX8 Command Center

1. Keep these instructions – The safety and operating instructions should be retained for future reference.
2. All warnings, cautions and instructions should be adhered too for safe operation of your FX8 Command Center.
3. Follow all operating and use instructions for safe operation of this unit.
4. **WARNING!!!** To reduce the risk of fire or electric shock, do not expose this device to rain or moisture. The unit should not be exposed to liquids of any kind. Any objects or containers filled with liquids, such as drinks or beverages shall not be placed on top of the unit.
5. Clean only with a dry cloth.
6. Protect the power cord from being walked on or pinched. Especially near the plugs, convenience receptacles, and at the point where they exit from the unit.
7. Follow all instructions and recommendations regarding attachments/ accessories specified by the manufacturer.
8. Only use this unit as prescribed and specified by the manufacturer to power effects pedals.
9. Caution: Unplug the unit during lightning storms or when unused for long periods of time.
10. Refer all servicing to qualified personnel. Service is required when this device has been damaged in any way such as; if any liquid or foreign objects have gotten inside the unit; if it has been exposed to rain or moisture; has been dropped; or does not otherwise operate normally.

Introduction

The Accel FX8 Command Center is a convenient, compact and intuitive guitar effect pedal switcher. It is primarily designed to switch multiple guitar effects pedals at the same time using a single footswitch. Different combinations of effects pedals can be stored on different patches allowing the player to easily change between multiple effects loops with the ease of a single footswitch. When using your Accel programmable switcher it is important to understand which mode you currently in. There are two primary modes, "Program Mode" and Recall Mode". Remembering this is foundational and will keep you from attempting to program a function when in recall mode or attempting to recall a loop when in program mode. This User's Manual presents basically the same instructions/operations in different ways using different formats (in case for some reason the user understands one format over the other). At the end of the manual, there is a Glossary to help clear up any terms the user may not understand. Once the switcher hooked up properly, the user should be able to go through this manual in about a half an hour or so and understand all the switchers functions. Be sure to keep the manual for reference, especially as a reminder for the lesser used functions.

Accel switcher primary functions (most used functions):

Program Mode: Programs recall switches (A/B/C and D) to recall chosen effects loops and footswitches into a chosen bank.

Recall Mode: Recalls your effects loops using A/B/C/D preset switches. This switcher also has a "master bypass" indicated by a blue led above the BANK UP switch and a "tuner/ mute" switch/ led.

Accel switcher secondary functions (less used functions):

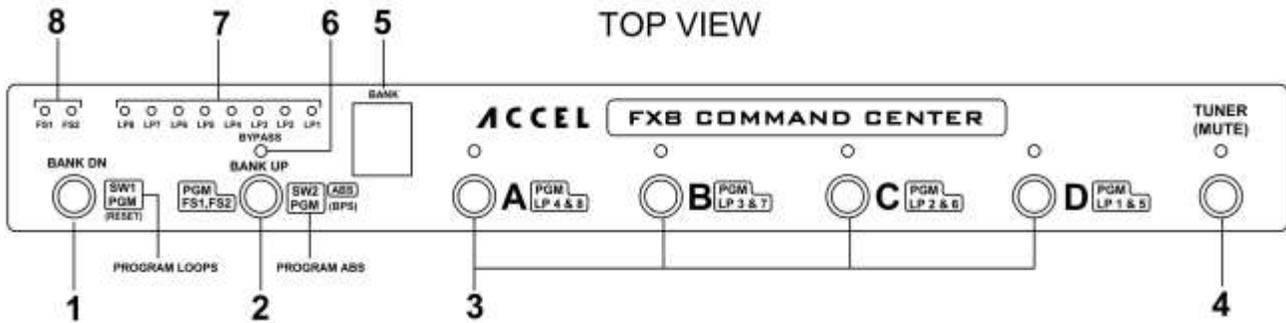
ABS (Active Bank Pool Set Up): Narrows the bank range to "hide" unneeded banks for a time.

BPS (Active Bank Pool Setup): Toggles between two completely different pools of banks.

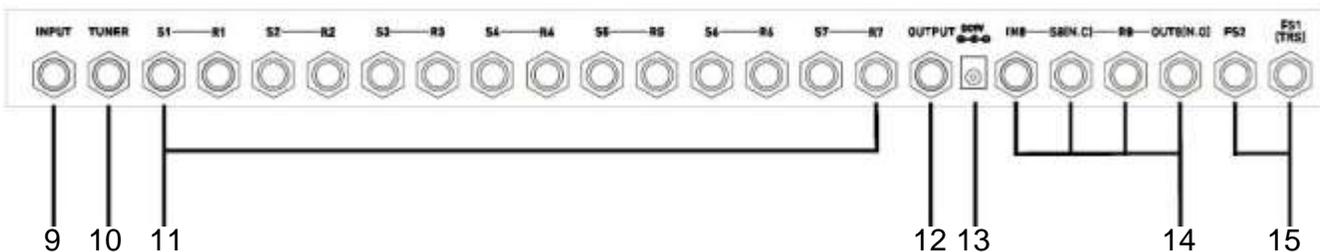
Reset: The reset function restores factory default settings.

Overview

TOP VIEW



REAR VIEW



(1) BANK DN

BANK DOWN switch 1(SW1);

In "Recall Mode", press this switch to decrease the bank number.

In "Program Mode", hit this switch to shift the programming between loop1~4 ("L" in LCD Display) and loop5~8 ("H" in LCD Display).

To toggle between " Recall Mode" and "Program Mode" hold this switch down for a couple seconds. Check for more details in the "Programming Loops and Foot switches" section (page 4).

(2) BANK UP

BANK UP switch (SW2);

In “**Recall Mode**”, press this switch to increase the bank number.

In “**Program Mode**”, press this switch to program the amp footswitches (FS1/FS2). Holding down this switch will toggle between “**Recall Mode**” and “**Active Bank Setup Mode (ABS)**”, for more complete of the “active bank setup mode” (page 5).

(3) A B C D

In Recall Mode:

Preset switches “A” “B” “C” or “D” recall previously programmed loops for those switches.

(Pressing the same preset switch again will “Bypass” the switcher, as indicated by the blue led above the bank up switch).

In Program Mode, “A” engages loop4 or loop8, “B” for loop3 or loop7, “C” for loop2 or loop6, “D” for loop1 or loop5.

(4) TUNER / Mute

When this switch is engaged, the OUTPUT jack will be muted and the TUNER jack connects to INPUT jack.

(5) NUMERICAL (LCD) DISPLAY

In Recall Mode:

The numerical display indicates the active BANK.

In Program Mode:

“L” indicates loop1~4 are ready to be programmed, “H” indicates loop5~8 are ready to be programmed.

In “Active Bank Setup” (ABS) Mode:

A blinking “Blue LED” above “Bank Up” indicates the ABS program mode has been activate. (See the “ABS Section on page 5 for programming the ABS Function).

(6) Master Bypass Access

To bypass the effects looped into the switcher, simply press any active recall switch

“A, B, C, D” (the active switch will be indicated by a solid red LED above the switch). When this switch is pressed again, that switches LED will turn off. A blue LED above the “BANK UP” switch will turn solid blue.

This will indicate that the switcher is in “Bypass Mode”. Select any switch A-D to exit bypass mode and enter back into recall mode. (You cannot program the switcher in bypass mode).

(7) LOOP on/off indicator

The indicator is on when a loop is engaged.

(8) FS1/FS2 (Footswitch indicators)

The indicator is on when FS1/FS2 is open, off when FS1/FS2 is latched.

(9) INPUT

Connects to Guitar.

(10) TUNER

Connects to tuner.

(11) (S1,R1), (S2,R2) (S7,R7)

Loop pairs, connects SEND (S*) to guitar pedal input, RETURN(R*) to guitar pedal output.

(12) OUTPUT

OUTPUT jack of the switcher, the input signal reaches this jack via loop1~7.

(13) DC Jack

5.5 x 2.1 mm type, use negative center DC 9V / 350 - 500mA power supply (this unit will not function properly under 350mA's).

(14) LOOP8

Loop8 is a separate loop, IN8 is input of this loop, S8 sends the signal and R8 returns it, OUT8 is the output of loop8. S8 also functions as latching N.C (Normally Closed) switch which works as footswitch to control amplifier channel while OUT8 also functions as latching N.O (Normally Open) footswitch.

This is nice to have when you are using your amp to achieve your overdriven or distortion tones instead of a pedal, since most modulation and time based effects in general sound more natural when applied to the signal after it has been overdriven. However if you are using pedals for your overdrive you can simply place your time based and modulation effects after your overdrive pedal. In which case you can use Loop 8 in front of the amp as shown in Configuration 1 on page?

(15) FOOTSWITCH Jacks

There are two footswitch jacks FS1 and FS2 which can switch the amplifier channel, The TIP and RING of FS1/ FS2 are normally closed (indicators are off), the indicators will be on when FS1/FS2 is open. FS1 is a stereo (TRS) jack, the ring of FS1 jack connects to the TIP of FS2, FS1 allows a stereo cable connection between the FX8 Command center and amplifiers which has a stereo footswitch jack

Set up:

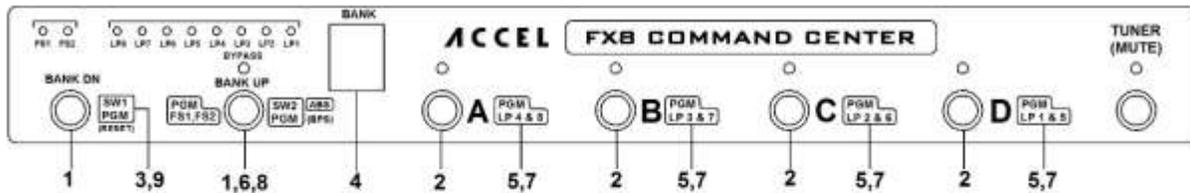
- 1) Connect the effects pedals to the Accel programmable switch as shown under one of the "Typical Configuration Drawings" in this user's manual, (pages 10 and 11). Make sure to use a 9V input at least 350mA.
- 2) Reference the "Over View section (pages 3 – 5) for component a feature identification.
- 3) Power up switcher.

For this unit to function properly use only a 9V power supply between 350 - 500mA.

(Warning: Use only a 9V power supply. Do not use more than a 9V power supply, this will over heat the switcher and will not be covered under warranty)

Primary Functions:

PROGRAMMING LOOPS AND FOOT SWITCHES

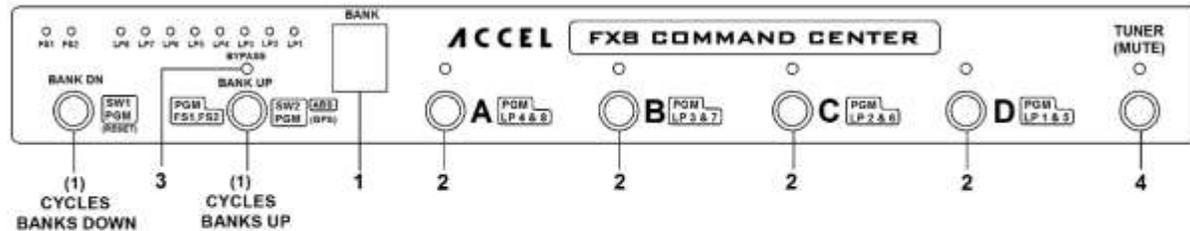


(BRIEFLY REVIEW THE "OPERATIONAL FLOW CHART" BEFORE FOLLOWING THESE STEPS)

- 1) CHOOSE A BANK by pressing **BANK UP** or **BANK DOWN**
- 2) CHOOSE A RECALL SWITCH **A, B, C, OR D**. The red led above that switch will be activated.
(Note: When the solid red led above the switch is lit, if you press it again, it will go into bypass mode. Indicated by the solid blue led "above the BANK UP switch". Simply press the same or different "A, B, C or D" to exit bypass mode.)
- 3) PRESS AND HOLD SW1 (BANK DN) FOR A FEW SECONDS TO BEGIN PROGRAMING.
- 4) YOU WILL SEE AN "L" ON THE BANK "LCD SCREEN". This programs LP 1 - 4.
- 5) CHOOSE YOUR LOOPS 1 - 4 .
- 6) PRESS THE BANK UP SWITCH AGAIN AND YOU WILL SEE AN "H". This programs LP 5 - 8.
- 7) CHOOSE YOUR LOOPS 5 - 8 .
- 8) TO PROGRAM THE FOOT SWITCHES. TOGGLE THROUGH THE "BANK UP" SWITCH TO ENGAGE FS1 AND/OR FS2.
Note: Some amp foot switches are designed with normally open relays, others are designed with normally closed relays. This will determine if the FS1 or FS2 led is on or off when the foot switch is activated. (SEE PAGE 3 UNDER FOOTSWITCH JACKS FOR MORE INFORMATION)
- 9) PRESS AND HOLD SW1 (BANK DN) UNTIL THE BANK NUMBER APPEARS. YOUR LOOP FOR THE BANK NUMBER AND RECALL SWITCH IS NOW PROGRAMMED.

Repeat this process for other loops you wish to program into you Accel FX8 Command Center .

RECALLING LOOPS & FOOT SWITCHES. ENTERING BYPASS MODE AND TUNER/ MUTE



(FOLLOW THESE STEPS)

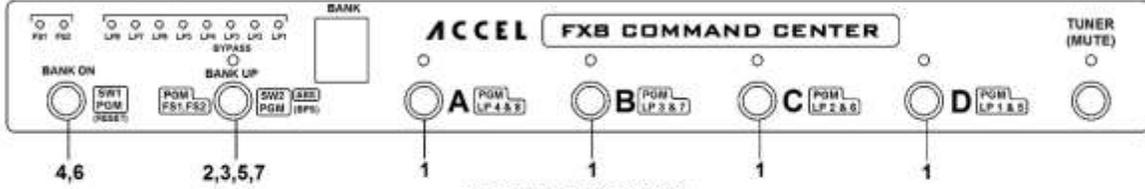
- 1) CHOOSE THE BANK THAT YOU WISH TO RECALL THE SET OF PREGROGRAMMED LOOPS FOR THAT BANK.
- 2) TO RECALL ANY LOOPS AND FOOTSWITCHES YOU HAVE PROGRAMMED INTO ANY OF THE RECALL SWITCHES. SIMPLY PRESS THE APPROPRIATE SWITCH A - D. YOU WILL HEAR YOUR LOOP FOR THAT SWITCH AND BANK.
- 3) TO BYPASS THE SWITCHER : WHEN IN RECALL MODE, WHICH EVER SWITCH IS ENGAGED (A, B, C, or D) PRESS IT AGAIN AND YOU WILL SEE
THE BLUE BYPASS LED ABOVE THE BANK UP SWITCH LIT SOLID BLUE. YOU ARE IN BYPASS MODE
- 4) PRESS THE TUNER / MUTE SWITCH TO TUNE AND MUTE YOUR GUITAR.

Secondary Functions:

ACTIVE BANK SETUP (ABS) MODE

THIS FUNCTION IS USEFUL FOR LIVE PERFORMANCES AND REHEARSALS, SO YOU ARE ONLY CYCLING THROUGH THE BANKS YOU WANT TO USE. FOR EXAMPLE BANKS 1 - 3 INSTEAD OF BANKS 1 - 9.

(INSTEAD OF CYCLING THROUGH 1-10 BANKS (0 ON THE LCD BEING 10) YOU CAN PROGRAM BANKS TO CYCLE 1-2 OR 4- 8 FOR EXAMPLE)
(THIS WILL NOT ERASE UNUSED BANKS OR LOOPS THAT YOU HAVE PREVIOUSLY PROGRAMMED INTO YOUR SWITCHER)



(FOLLOW THESE STEPS)

- 1) PRESS ANY ONE OF THE 4 PRESET SWITCHES (A,B,C OR D) IN THE RECALL MODE. VERIFY THE SOLID RED LED IS LIT ABOVE THAT SWITCH.
- 2) PRESS AND HOLD "SW2 (BANK UP)" UNTIL THE LCD NUMBER BLINKS IN THE LCD SCREEN AND THE BLUE LED BLINKS ABOVE THE BANK UP SWITCH (The blue led will always be blinking when programming in ABS mode).
- 3) PRESS THE SAME SWITCH AGAIN "SW2 (BANK UP)" TO CYCLE UP THROUGH THE BANK NUMBERS TO FIND THE BANK YOU WISH TO DEFINE AS YOUR "START BANK".
DO NOT PRESS THE "BANK DN" UNTIL YOU ARE READY TO CHOOSE THE NUMBER SHOWN ON THE SCREEN AS YOUR START BANK NUMBER.
 THE "BANK DN" SWITCH IS USED ONLY TO DEFINE THE START AND END BANKS WHEN PROGRAMMING ABS MODE. ANOTHER WORDS WHEN SEARCHING FOR THE START AND END BANK, YOU CAN ONLY CYCLE UP THROUGH BANK NUMBERS TO DEFINE YOUR START AND END BANKS. ALSO IT IS VERY IMPORTANT TO REMEMBER WHEN PROGRAMMING THIS FUNCTION THAT YOUR START BANK MUST BE A LOWER NUMBER THAN YOUR END BANK OR YOU WILL GET AN ERROR WHEN SAVING THE START AND END BANKS. SHOWN BY A BLINKING " - " ON THE LCD SCREEN. DO NOT CHOOSE "0" AS YOUR START BANK. "0" IS BANK 10.
- 4) PRESS "BANK DN" TO STORE YOUR "START BANK". CHOOSE ANY BANK 1 - 9. (YOU WILL IMMEDIATELY SEE THE BANK NUMBER DEFAULT TO THE "END" BANK NUMBER THAT WAS PREVIOUSLY PROGRAMMED IN).
- 5) PRESS "BANK UP" TO CYCLE THROUGH THE BANKS TO FIND YOU "END BANK" NUMBER. **(REMEMBER THIS NUMBER MUST BE HIGHER THAN THE START BANK OR THIS WILL CAUSE AN ERROR "- " WHEN SAVING THE THE ABS BANKS).**
- 6) PRESS "BANK DN". THIS WILL STORE THE NUMBER SHOWN ON THE LCD SCREEN AS YOUR "END BANK".
- 7) PRESS AND HOLD SW2 UNTIL THE BYPASS LED STOPS BLINKING. THIS WILL PLACE YOU BACK IN RECALL MODE.

YOUR ACTIVE BANKS ARE NOW STORED.

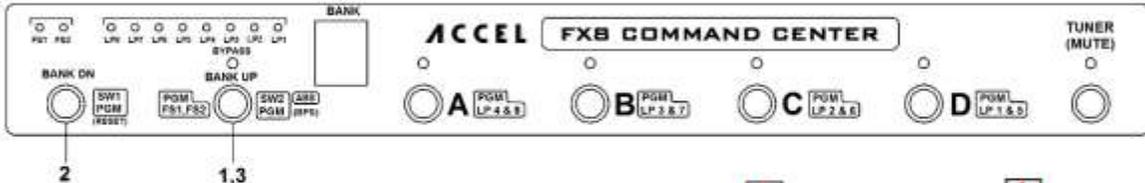
NOTE: IF YOU GET A BLINKING " - " WHEN ATTEMPTING TO SAVE YOUR BANKS, THIS MEANS YOU ATTEMPTED TO PROGRAM IN A HIGHER START BANK NUMBER THAN THE END BANK NUMBER.

UNDER THIS CONTITION EITHER

- A) YOUR END BANK, WHICH WAS A LOWER NUMBER THAN YOUR START BANK NEEDS TO BE REDEFINE TO A HIGHER NUMBER THAN YOUR END BANK. (SEE STEPS 4 -6)
- B) YOU NEED TO REDEFINE YOUR START AND END BANKS AGAIN. (SEE STEPS 2 - 6)

ACTIVE BANK POOL SETUP (BPS) MODE

THIS FUNCTION IS RARELY USED, HOWEVER IF YOU PLAY DIFFERENT GENRES OR IN DIFFERENT BANDS, IT MAY BE USEFUL TO HELP YOU ORGANIZE YOUR LOOPS MORE CONVENIENTLY.



THERE ARE TWO POOLS OF BANKS RED (WITHOUT A DOT, FACTORY DEFAULT) AND RED (WITH A DOT) . EACH POOL HAS 10 BANKS (1 - 10, "0 ON THE LCD SCREEN BEING 10"). THIS IS A TOTAL OF 20 BANKS, WHICH WILL ALLOW A TOTAL OF 80 PRESETS.

IN RECALL MODE ONLY ONE BANK POOL IS ACTIVE (RED WITHOUT A DOT OR RED WITH A DOT). EITHER SETTING ALLOWS 10 ACCESSABLE BANKS AND 40 PRESETS.

THE USER CAN ONLY ACTIVATE A BANK POOL WHEN THE SWITCHER IS BEING POWER UP.

(FOLLOW THESE STEPS)

TO PROGRAM BPS FUNCTION:

(THIS FUNCTION WILL NOT ERASE UNUSED BANK NUMBERS PREVIOUSLY PROGRAMMED INTO YOUR SWITCHER.)

- 1) HOLD DOWN THE "BANK UP" SWITCH WHILE POWERING UP THE SWITCHER, UNTIL THE LCD SCREEN DISPLAYS "b" WITH CURRENT POOL, THEN RELEASE THE "BANK UP" SWITCH.
- 2) CHANGE THE POOL BY PRESSING THE "BANK DN" SWITCH.
- 3) PRESS AND HOLD THE "BANK UP" SWITCH FOR A FEW SECONDS TO RETURN TO THE RECALL MODE WITH YOUR NEW BANK POOL SET.

Restoring Factory Presets:

RESTORING FACTORY PRESETS

CAUTION THIS FUNCTION WILL ERASE ALL OF YOUR PRESETS THAT YOU HAVE PROGRAMMED INTO YOUR SWITCHER AND RESTORE THEM TO THE FACTORY PRESETS!

(FOLLOW THESE STEPS)

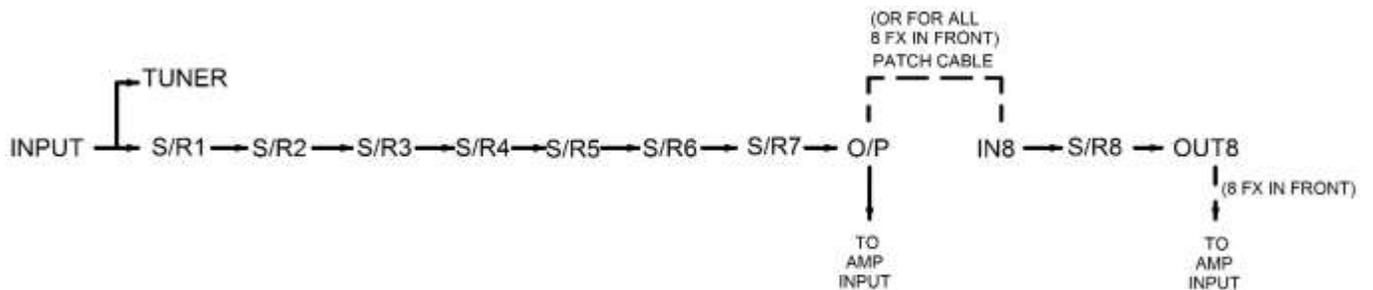
YOUR SWITCHER NEEDS TO BE POWERED OFF BEFORE YOU BEGIN THIS PROCESS.

- 1) HOLD DOWN THE "BANK DN" SWITCH WHILE POWERING UP THE SWITCHER UNTIL THE LCD SCREEN DISPLAYS AN "F". YOU HAVE NOW ENTERED INTO THE FACTORY RESET MODE. NOW RELEASE "BANK DN".
- 2) PRESS "BANK UP" TO CHOOSE "Y" OR "N" ("Y" = YES TO CONTINUE FACTORY PRESET, "N"= NO DO NOT CONTINUE WITH FACTORY PRESET).
- 3) IF YOU CHOOSE "Y" PRESS AND HOLD THE "BANK DN" FOR 5 SECONDS AND THE SWITCHER WIL RETURN TO THE RECALL MODE WITH FACTORY PRESETS RESTORED. IF YOU CHOOSE "N" THE SWITCHER WILL RETIRN TO RECALL MODE UNCHANGED.

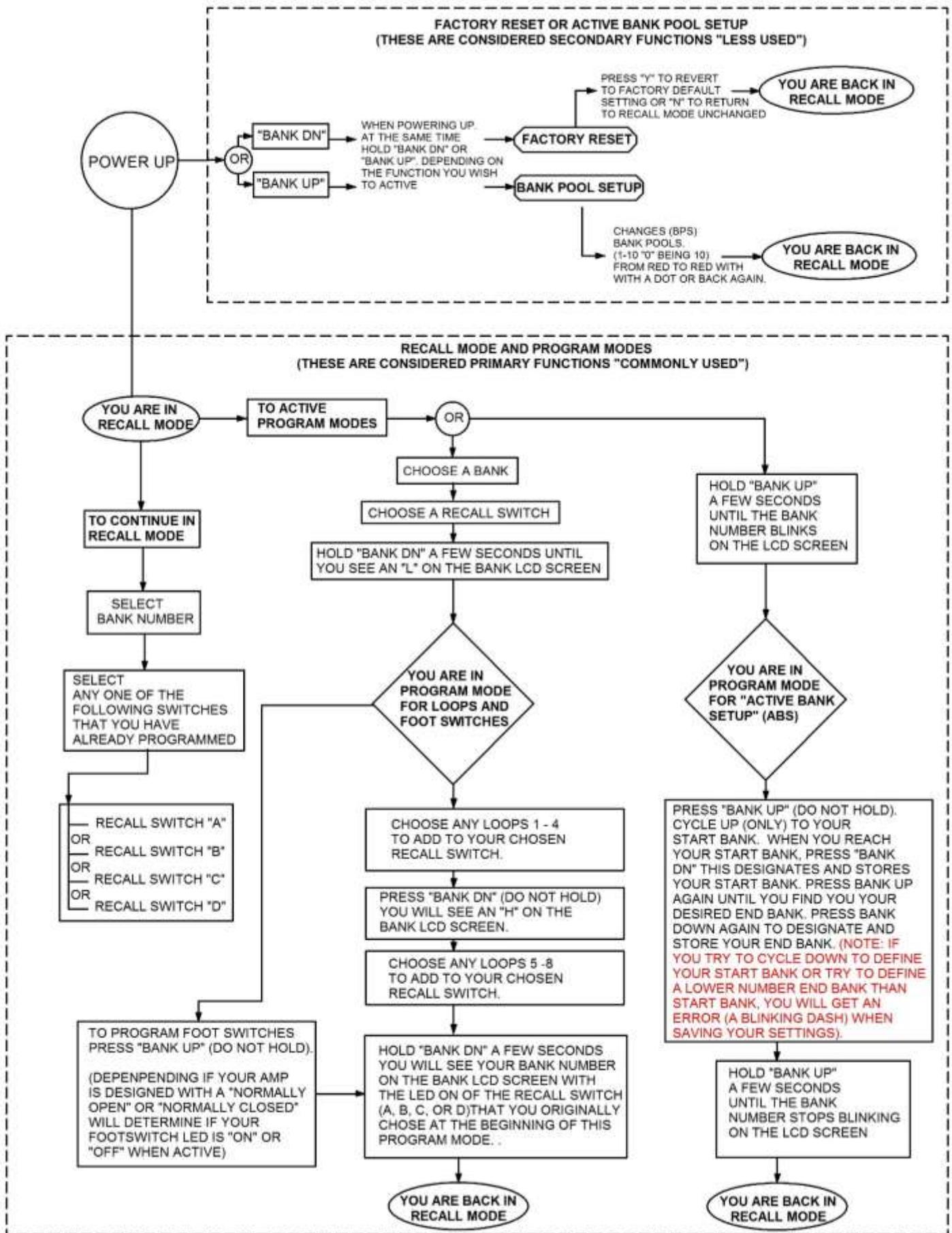
Specifications

Dimensions.....480(L) x60(W)X52(H) mm
 Weight 1000g
 Power Supply DC9V (Negative Center)
 Current Drain.....max. 350mA

Signal Flow Chart

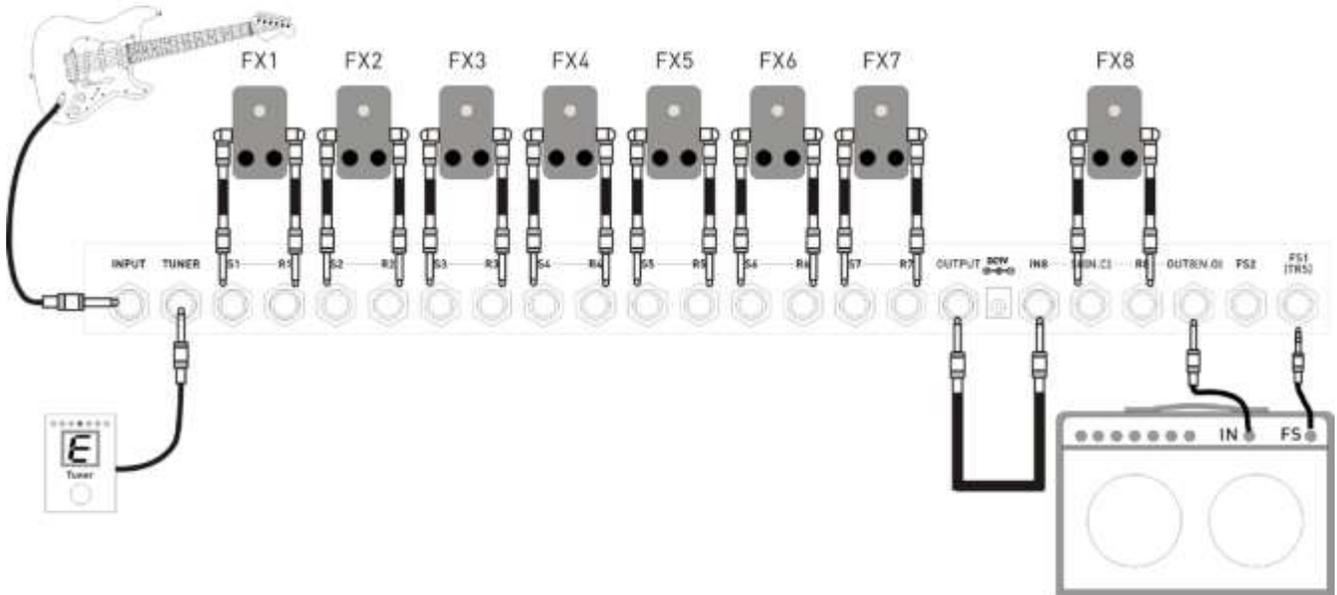


Operational Flow Chart

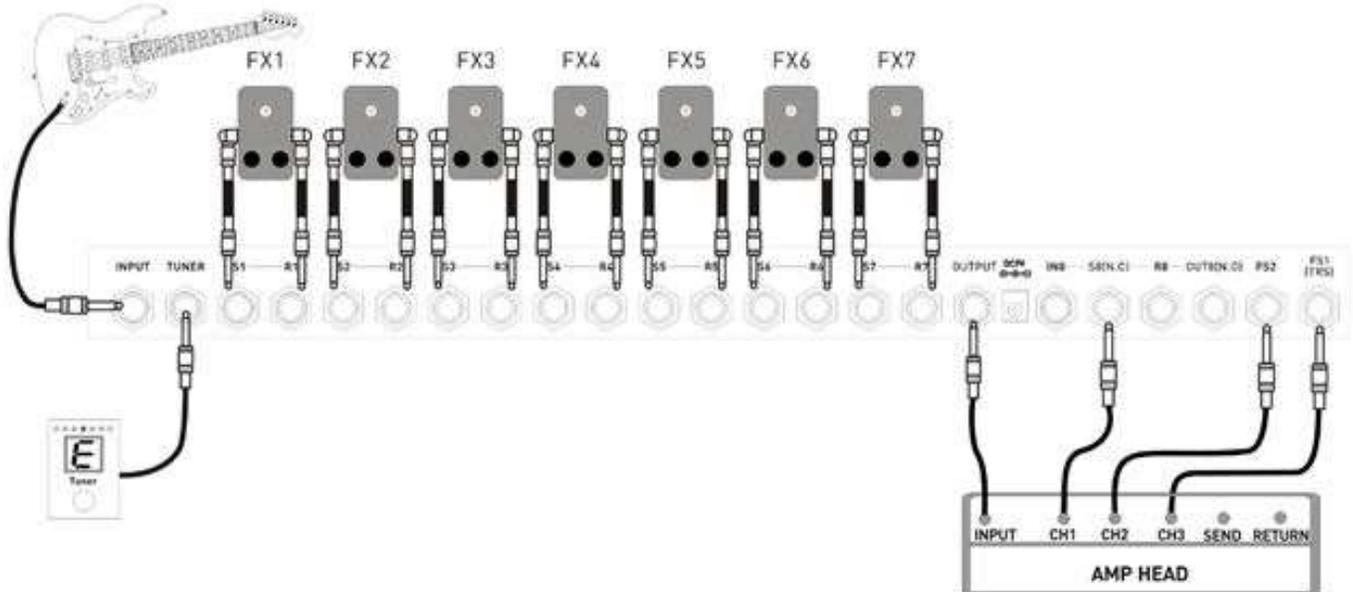


Typical Setup Configuration Diagrams

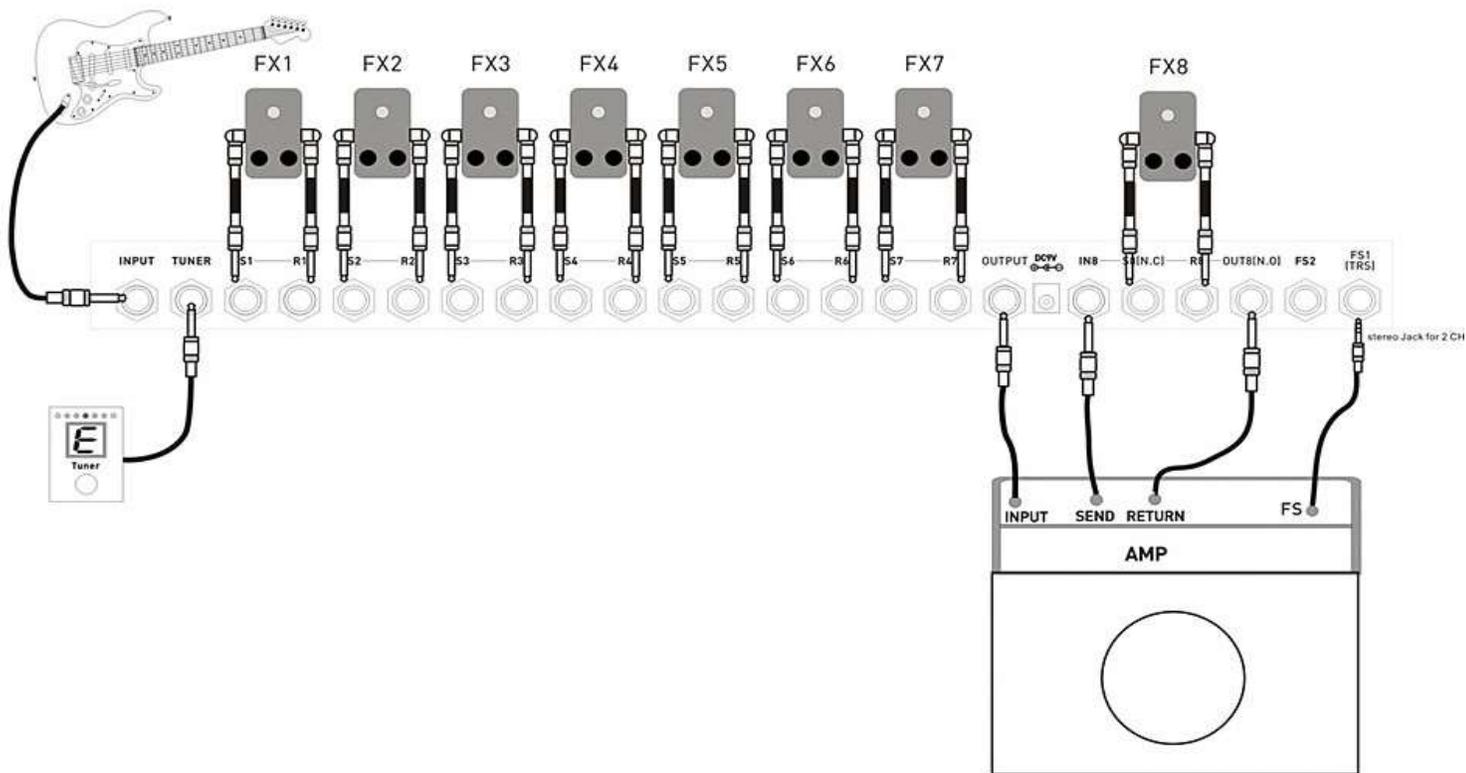
Typical Config 1 - 8 pedals & 2 AMP Channel Switching



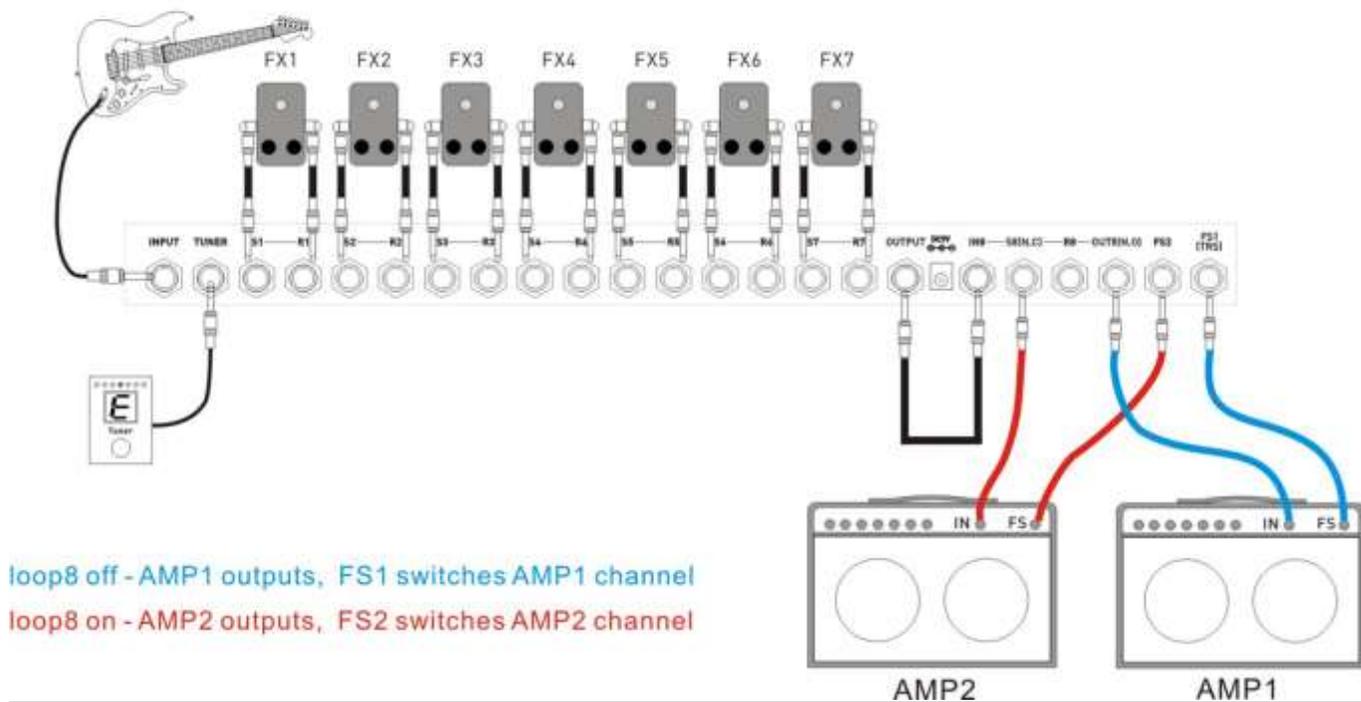
Typical Config 2 - 7 pedals & 3 AMP Channel Switching



Typical Config 3 - 7 front pedals, 1 pedal in AMP loop, 2 AMP channel switch



Config 4 - 7 pedals, 2 amplifiers & channel switching



Glossary

Active Bank Set Up Mode (ABS): Defines a chosen range of banks. The full range is 1 -10, the number "0" being 10. You can narrow this range through the utilizing the ABS function. (See page 5)

Active Bank Pool Setup (BPS): Defines "Bank Pool" to be used (red or green). Red bank pool consists of 10 banks and Green bank pool consists of 10 banks. (See page 5) "Active Bank Pool Setup (BPS)".

Bank: A bank holds 4 preprogrammed "preset A/B/C/D switches" in each bank. You have a total of 10 banks accessible when in recall mode. Your choice of either 10 red or 10 Red with a dot. (Red without a dot is the factory default set of banks).

(BANK DN) (BANK UP): Cycles up or down through banks.

BANK POOL: A defined set of red (with and without a dot). (Red bank pool without a dot, is the factory set default). (See page 5) "Active Bank Pool Setup (BPS)".

Loops: In reference to a pedal being inserted (looped) into the signal path. Via the Send (S*) and Return (R*) jacks on the back side of the unit. After programming the loops in, they are recalled by using the 4 preprogrammed "preset A/B/C/D switches" that are relative to the bank being used.

Bypass: The signal bypasses the switcher. After any preset switch A,B,C or D has been activated (signaled by a lit solid red LED above the switch) Press the same switch again. You will see a solid blue LED above the "BANK UP" (Bypass) switch. You will then be in bypass mode.

Modes:

Program Mode:

Primary Programming Functions; These text are shown with Black text in a white background.

They are relative to the programming of Loops , Banks, Foot Switches. Also Programs Active Bank Setup Mode "ABS" to define only the number of banks you wish to use. (See Page 5)

Less Used Programming Functions; These text are shown in parenthesis ().

These are relative to the programming of Active Bank Pool Setup (BPS), if you wish to define Bank Pools (Red with or without a dot) for use. You can only use one at a time (page 5). Also Factory Reset (Reset). (page 6)

Recall Mode: (White text on unit refers to Recall Mode functions)

Recall Mode: Recalls Loops , Banks, Foot Switches, that have been programmed in.

Recall Mode Functions:

Programmable Switches:

(SW1 PGM) "Switch1 Program Mode"

(SW2 PGM) "Switch2 Program Mode"

Presets : In reference your switches A, B, C, or D that have been preset through process of programming your loops. Often referred to preset switches.

Warranty

Limited 1 Year Warranty

This warranty covers any defects or malfunctions in your new Accel Power Source 8 Power Supply. This a 1 year warranty for the original registered purchaser. Accel will fix or replace any defective units with the first 1 years from the purchase date. Fixing or replacing the unit will be at Accels discretion. Any problem that is caused by abuse, misuse, or an act of God (such as a flood) are not covered. In order to be eligible for service under this warranty you must return the warranty registration card attached below within 30 days of purchasing the aid.

If something goes wrong with your Accel Power Source 8 Power Supply, send it postage paid with a brief written description of the problem to:

Accel Technologies LLC;.
5505 East Santa Ana Canyon Rd.
#17057
Anaheim, CA 92817

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Accel Technologies, LLC.

P.O. BOX 17057 Anaheim, CA 92817 U.S.A.

Email: support@accelaudio.com