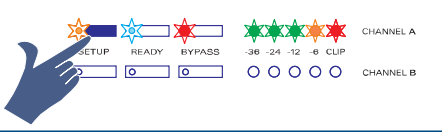
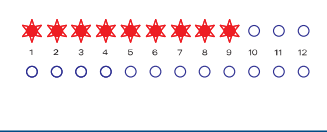
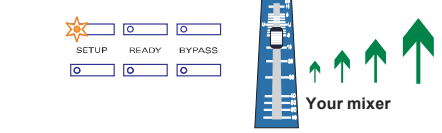
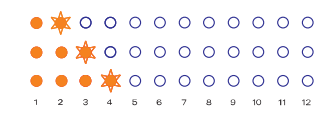
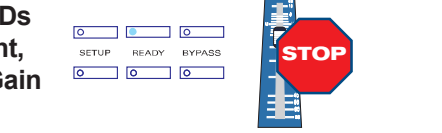
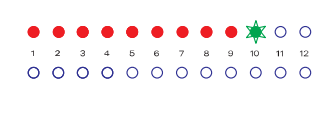
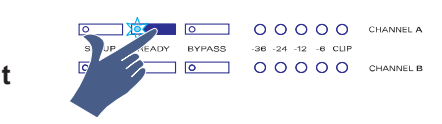
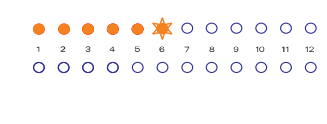


	ACTION	CONTROLS	LED STATUS	FIXED FILTERS	DETAILS
1	Push & Hold SETUP <i>Do Not Talk into Mics!</i>			UNLOCKED SETUP MODE	LEDs will flash 5 times, followed by the SETUP button LED flashing. You are now in FBX Setup mode. Do not speak into the mic or play program though the system.
2	Raise Gain Slowly			UNLOCKED SETUP MODE	Raise gain slowly. Fixed filter LEDs will flash amber and then remain lit one at a time as filters are set. <u>Wireless Mics:</u> If you are using a wireless mic, stop raising gain after a few filters and move the microphone to another performance area; continue slowly raising gain and repeat.
3	When Filter LEDs cycle left & right, Stop Raising Gain			LOCKED READY MODE	Stop raising gain when all filter LEDs light back and forth in sequence and turn red; the first Dynamic filter (green LED) is also set. Setup has now completed. You are ready to go! Important: Reduce gain slightly. This will be your maximum gain setting.
4	Or... Push READY anytime to exit Setup Mode			UNLOCKED READY MODE	Push READY button at any time to exit Setup mode. You are ready to go. The blue LED will flash. Push READY again at any time to Lock Fixed filters - the blue LED stays lit. See the operating guide for more information on locking fixed filters.

FBX FILTER CONTROL

Selecting Filter Width

If you're using the FBX for a music application, the standard 1/10-octave constant "Q" filter is most effective. In spoken word applications, such as lectures or teleconferencing, use the wider 1/5-octave filter for more robust feedback control. Press the FIFTH OCTAVE to enable the 1/5-octave filters. Only filters set after pressing the button in will be 1/5-octave. Press the button again to set subsequent filters to standard 1/10-octave filters. **POWER TIP:** You can mix the two filter widths. For problem rooms, try setting the first few filters at 1/5, then switch to 1/10 for the rest.

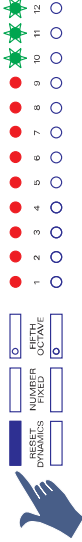
Setting Number of Fixed vs. Dynamic Filters

The factory default is 9 Fixed and 3 Dynamic, which is recommended for most situations. To change the number of Fixed filters, hold the NUMBER FIXED button until the filter LEDs flash 4 times and then go out. Release the button, and the LEDs will begin to light in sequence. When the LED corresponding to the desired number of Fixed filters lights, press the NUMBER FIXED button again.

Resetting FBX Filters

All FBX filters: To reset all FBX filters, follow the Setup steps on the other side.

Dynamic FBX filters only: To reset only Dynamic filters, press RESET DYNAMICS until the current Dynamic filter LEDs flash twice.



Dynamic Filter Timer

The Dynamic Filter Timer, when *enabled*, automatically resets Dynamic filters after a user-selected time has passed (refer to Timer Settings chart below).

Setting the Dynamic Filter Timer

1. Press and hold the RESET DYNAMICS button. The Dynamic LEDs flash twice and reset. Continue holding the button until you see the current Dynamic Filter Timer setting flash twice (filter LEDs 1-5, see Filter Timer Chart at right).
2. Release the RESET DYNAMICS button and filter LEDs 1-5 will cycle through the possible timer settings.
3. Press RESET DYNAMICS again at the desired timer setting. LEDs will flash twice (including filter LEDs indicating the current timer setting). Your Dynamic Filter Timer is now set. The timer starts individually for each Dynamic filter.



Current Dynamic Timer setting (Off) shown after dynamic filters reset.

Choose one of these settings for the timed release of Dynamic Filters

TIMER SETTINGS

Off	★	○	○	○	○	○	○	○	○	○	○
1 min.	★	★	★	○	○	○	○	○	○	○	○
5 min.	★	★	★	★	○	○	○	○	○	○	○
30 min.	★	★	★	★	★	○	○	○	○	○	○
60 min.	★	★	★	★	★	★	○	○	○	○	○

CAUTION: Releasing filters can cause feedback to return to your system!!



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Sabine, Inc. • 13301 NW US Highway 441 • Alachua, Florida 32615-8544 USA
Phone: (386) 418-2000 • Fax: (386) 418-2001

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