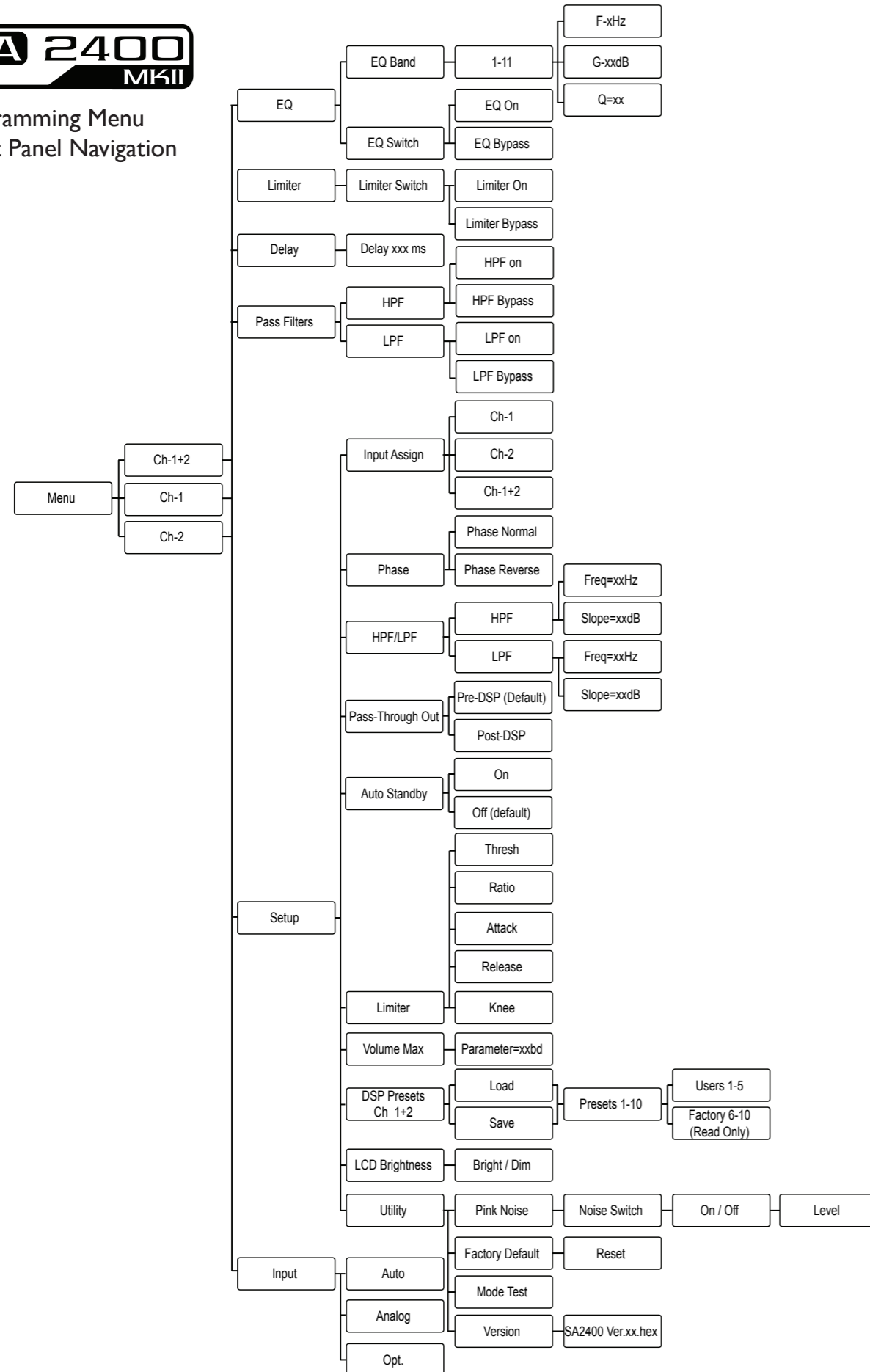




Programming Menu
Front Panel Navigation



2-Channel Amplifier with DSP



User Guide



Important Safety Precautions:



1. Read these instructions and keep this guide for future reference.
2. Do not block ventilation openings.
3. Do not install near any heat sources such as radiating heat registers, or other apparatuses that produce heat.
4. Do not expose this equipment to rain or moisture.
5. Do not defeat the safety purposes of the polarization or grounding type plug.
6. Ensure voltage selection switch on rear panel is set to proper voltage.
7. Clean only with a soft dry cloth.
8. Refer all repairs to a qualified service professional.

For technical support please call your local dealer or contact us directly.
Email: Support@StealthAcoustics.com
Tel: +1 360 848 6800 StealthAcoustics.com



Quick Start

- Connect source to amplifier using appropriate input jacks.
- Connect speakers to speaker output binding posts noting proper polarity.
- Connect appropriate AC power cord to AC inlet and to AC mains source. | 115v-230v 50Hz / 60Hz
- Turn on sound source to normal level.
- Turn on SA2400 amplifier. (Volume will fade in to factory default level of 40 dB or last setting.)
- Adjust volume using front panel controls.
- Program DSP features using the front panel controls. (See back page.)
- Download Free SSMS software from StealthAcoustics.com for additional interfacing capabilities. A Windows™ based computer must be connected via USB to use this feature.

Overview

The SA2400 amplifier is a reliable high-current power source for Stealth speakers and subwoofers, as well as for powering any traditional loudspeaker. The SA2400 features fully-independent channel programming for maximum flexibility and incorporates powerful internal Digital Signal Processing which may be configured using the front panel buttons, or by using Stealth's Signal Management Software (SSMS) on a USB connected Windows™ based computer.

SA2400MKII Features

- 12v Trigger Function
- 450W per channel (@ 4Ω)
- Programmable Channel Assignment of Inputs (including mono-summing)
- Variable High Pass and Low Pass Filters with Filter Slope Selections (Per Channel)
- Eleven Bands of Fully-Parametric EQ (Per Channel)
- Full Limiter Stage with Variable Threshold, Attack, Release, Ratio and Knee (Per Channel)
- Delay (100 Milliseconds Maximum) (Per Channel)
- Internal Pink Noise Generator
- Ten IR Controllable Presets. Unlimited save/recall presets via software
- Stealth Internal Presets for quick tuning of Stealth speakers and subwoofers
- Full file management via optional free SSMS software for storing unlimited configurations
- IR Control of volume and preset selection
- Input pass through selectable either "Pre" or "Post" DSP

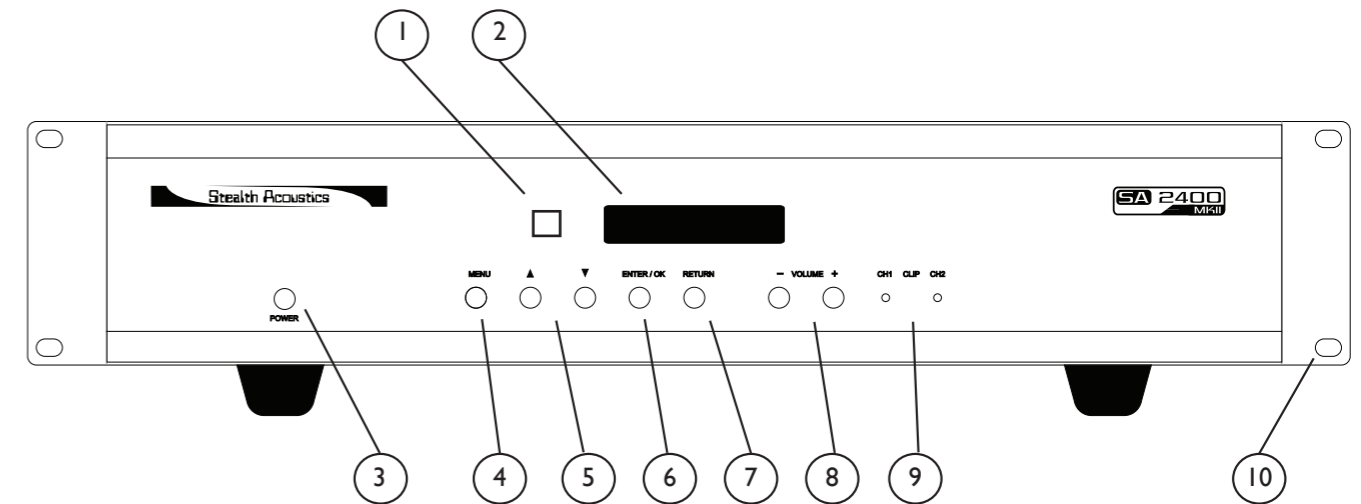
Presets and Software Programming

Presets store and recall a complete state of the amplifier and are a quick way to setup a Stealth speaker system. Presets may be accessed via IR command from the front panel menu, or via Stealth's SSMS Software. SSMS is available as a free download at www.StealthAcoustics.com

The SA2400 has 10 internal presets:

- Presets are used to store and recall your custom created SA2400 amplifier settings., or to recall Stealth factory speaker settings. Presets may be recalled via IR command.
- Presets for Stealth speakers and subwoofers
 - User Preset 1-5 = User may store and recall favorite custom settings.
 - Stealth Preset-6 = StingRay 6 / LR6G optimization (stereo)
 - Stealth Preset-7 = StingRay 8 / LR8G optimization (stereo)
 - Stealth Preset-8 = Subwoofer Mode (both channels configured for subwoofer use)
 - Stealth Preset-9 = LR3G optimization (stereo)
 - Stealth Preset-10 = StingRay 6 / Subwoofer Mode (Channel 1 - StingRay 6 / Channel 2 - Subwoofer)

Additional presets and unlimited amplifier configurations may be stored and recalled using Stealth SSMS software and a USB connected computer.



- | | |
|--------------------------------------|---|
| 1. IR Sensor | 15. Ground lift Switch |
| 2. Display Screen | 16. Speaker level input / output terminal block |
| 3. Power Button | 17. Optical Input |
| 4. Main menu Button | 18. 12v Trigger |
| 5. Menu navigation Buttons | 19. No signal Auto-Mute Switch |
| 6. Enter/Ok Button | 20. USB (Type B) for computer connection |
| 7. Return to previous menu Button | 21. Power Switch |
| 8. Volume Button | 22. Channel 1 Speaker Binding Posts |
| 9. Clipping Lights | 23. Channel 2 Speaker Binding Posts |
| 10. Removable rack ears | 24. Voltage Indicator |
| 11. XLR Balanced line output | 25. 115v-230v 50Hz / 60Hz (Auto Selected) |
| 12. RCA unbalanced line level output | |
| 13. RCA unbalanced line level input | |
| 14. XLR Balanced line input | |

