

YAMAHA PSRSX720

YAMAHA PSR-SX720 Arranger Keyboard User Manual

Model: PSR-SX720

1. INTRODUCTION

The Yamaha PSR-SX720 is a professional 61-key arranger keyboard designed to provide a rich and refined musical experience. It features an intuitive color touch screen, assignable knobs, and a flexible joystick controller, offering extensive control over your sound. With a wide array of voices and accompaniment styles, the PSR-SX720 allows musicians to explore diverse genres, record compositions, and share studio-quality audio files.

2. IMPORTANT SAFETY INFORMATION

Please read these safety precautions carefully before using your PSR-SX720 keyboard to ensure safe and optimal performance.

- **Power Supply:** Use only the specified AC adapter. Ensure the voltage matches your local power supply.
- **Location:** Avoid placing the instrument in direct sunlight, near heat sources, or in excessively dusty, humid, or vibrating environments.
- **Water and Moisture:** Do not expose the instrument to rain or moisture. Do not place containers with liquids on the instrument.
- **Handling:** Do not apply excessive force to the keys, buttons, or connectors.
- **Servicing:** Do not attempt to service the instrument beyond what is described in this manual. Refer all

servicing to qualified Yamaha service personnel.

3. WHAT'S IN THE BOX

Upon unboxing your Yamaha PSR-SX720, please ensure all the following items are present:

- Yamaha PSR-SX720 Arranger Keyboard
- AC Power Adapter
- Quick Start Guide
- Music Rest

4. PRODUCT OVERVIEW

The Yamaha PSR-SX720 is designed for both performance and composition, featuring a comprehensive control panel and a responsive keyboard.



Figure 4.1: Top view of the PSR-SX720 keyboard, highlighting the layout of keys, screen, and controls.



Figure 4.2: Angled view of the PSR-SX720, illustrating its compact yet powerful design.

5. INITIAL SETUP

5.1. Power Connection

1. Connect the supplied AC adapter to the DC IN jack on the rear panel of the keyboard.
2. Plug the AC adapter into a standard wall outlet.
3. Press the [POWER] button on the keyboard to turn it on.

5.2. Audio Connections

The PSR-SX720 offers various connectivity options for audio input and output.



Figure 5.1: Rear panel connections of the PSR-SX720, including power, audio, and data ports.

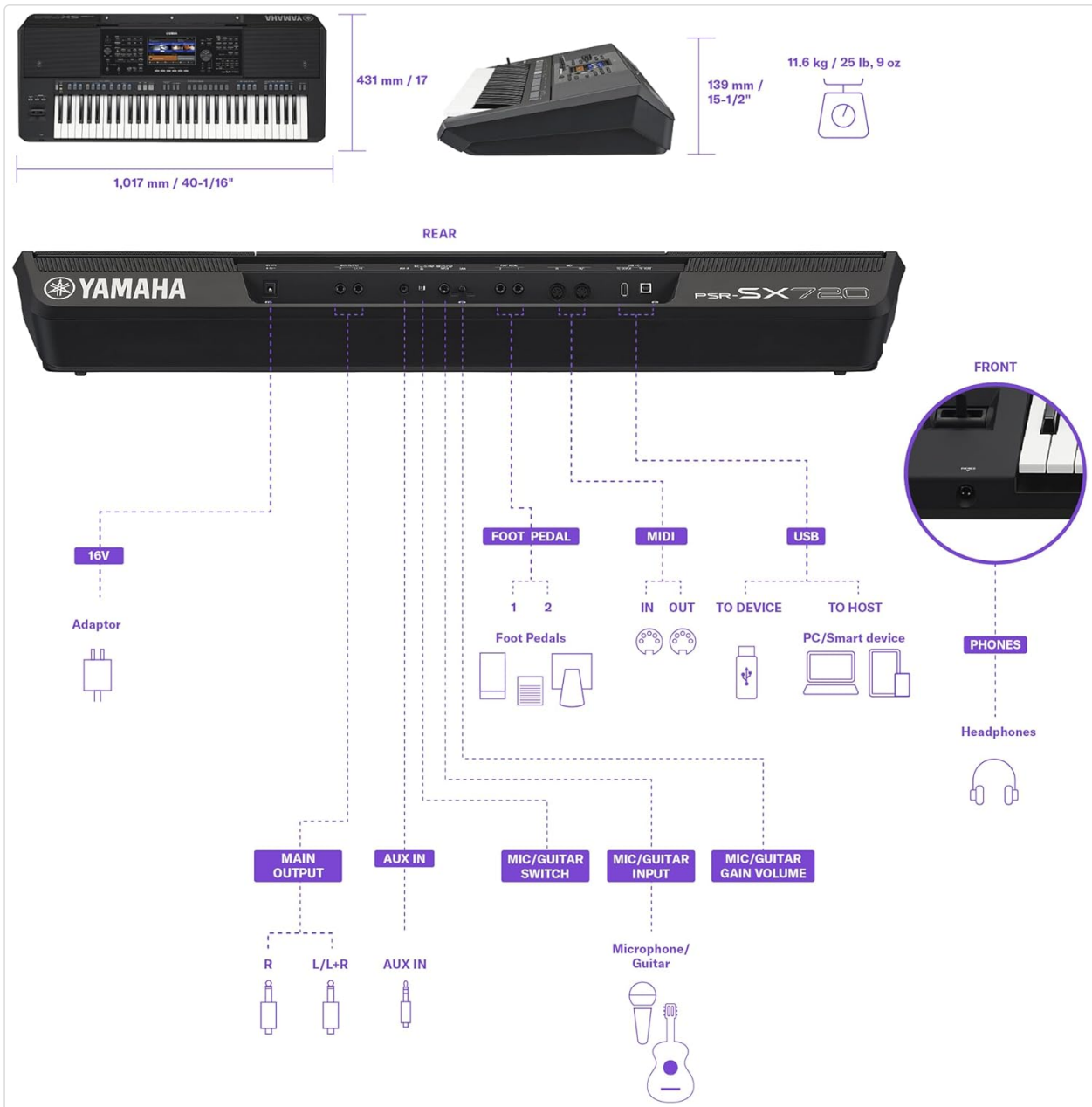


Figure 5.2: Detailed connection diagram for the PSR-SX720, showing how to connect external devices like headphones, foot pedals, and microphones.

- **Headphones:** Connect headphones to the 3.5mm HEADPHONES jack for private practice.
- **Main Output:** Use the L/L+R and R jacks to connect to external amplification systems or mixers.
- **AUX IN:** Connect external audio players to the AUX IN jack to play along with your favorite tracks.
- **Mic/Guitar Input:** Connect a microphone or guitar to the dedicated input for vocal or instrument performance.
- **USB TO DEVICE:** Connect a USB flash drive for data storage and loading expansion packs.
- **USB TO HOST:** Connect to a computer for MIDI data transfer and recording.

6. OPERATING YOUR PSR-SX720

6.1. Intuitive Color Touch Screen

The large, clear color touch screen provides easy navigation and control over all functions, voices, and styles.

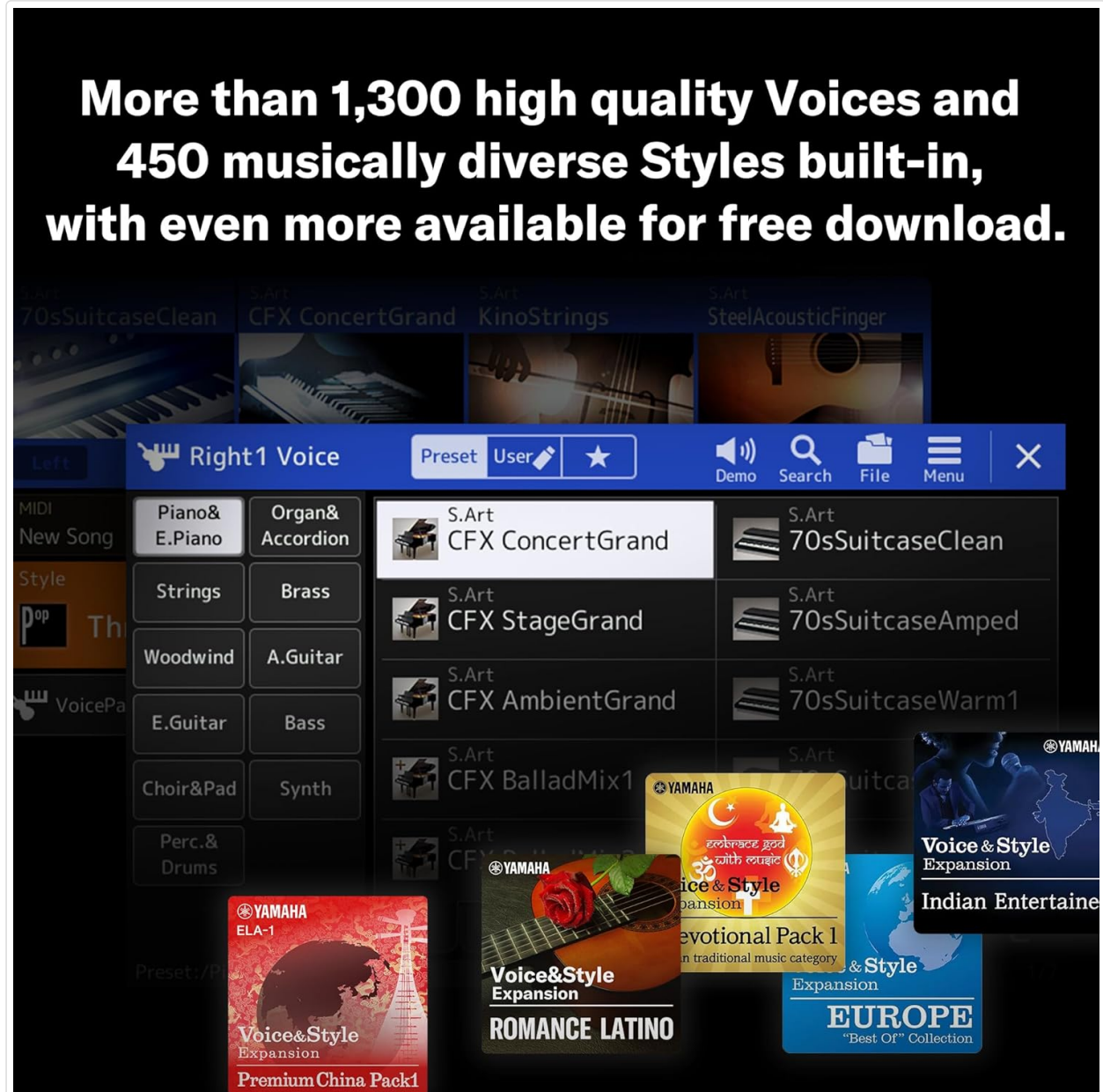


Figure 6.1: The PSR-SX720's touch screen interface, showing voice and style selection.

6.2. Assignable Live Control Knobs

Customize your sound in real-time using the assignable control knobs. These allow you to fine-tune Voices, Styles, and other parameters during performance.



Professional Arranger Workstation with advanced features for a rich, refined musical experience.



Figure 6.2: Detail of the Live Control knobs and Style Control section.

6.3. Joystick Controller

The flexible joystick controller provides versatile control over pitch and modulation, enabling expressive possibilities across various music styles.

6.4. Chord Looper

Record chord progressions that loop seamlessly, allowing you to focus on two-handed playing or soloing without needing to worry about continuous chord changes.

6.5. Super Articulation (SA) Voices

Experience natural instrument sounds with Super Articulation (SA) Voices, which automatically deliver realistic nuances like guitar string scratches and saxophone slides, enhancing the authenticity of your music.

6.6. Recording and Sharing

Capture your creative ideas with the on-board 16-track song recorder. Easily share your music as studio-quality WAV audio files on smart devices or computers.

7. KEY FEATURES

- **Accompaniment Styles:** Transform your solo performance into a full ensemble with professional-sounding backing bands, maintaining complete control over chord changes and arrangements.
- **Versatile Control:** The joystick controller offers dynamic control over pitch and modulation, allowing you to master a wide range of musical expressions with ease.
- **Real-time Customization:** Fine-tune Voices, Styles, and other parameters using the customizable real-time control knobs, adding your personal touch to every performance.
- **Seamless Chord Looping:** Record and loop chord progressions effortlessly, freeing you to concentrate on intricate two-handed playing or expressive solos.
- **Authentic Instrument Sounds:** Super Articulation (SA) Voices automatically reproduce natural instrument sounds, such as guitar string scratches and saxophone slides, for a truly genuine musical experience.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	PSR-SX720
Number of Keys	61
Product Dimensions	16.97"D x 40.04"W x 5.47"H
Item Weight	34 pounds
Connectivity Technology	Bluetooth, USB
Connector Type	USB, AC power adapter
Headphones Jack	3.5mm Jack
Power Source	AC adapter
Supported Software	Yamaha Expansion Manager
Special Features	Chord Looper, Advanced Sequencer, Multiple Voices, Recording, Programmable
Color	Black

9. MAINTENANCE AND CARE

Proper care will ensure the longevity and optimal performance of your PSR-SX720 keyboard.

- **Cleaning:** Wipe the instrument with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and then wipe dry immediately. Avoid using chemical cleaners, solvents, or abrasive materials.
- **Storage:** When not in use, store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, consider using a dust cover.
- **Transport:** When transporting the instrument, use a suitable case or bag to protect it from impacts and scratches.
- **Ventilation:** Ensure proper ventilation around the instrument to prevent overheating. Do not block ventilation openings.

10. TROUBLESHOOTING

This section addresses common issues you might encounter with your PSR-SX720.

Problem	Possible Cause	Solution
No sound	Volume is too low; headphones connected; external speakers not connected or powered.	Increase the MASTER VOLUME; disconnect headphones; check external speaker connections and power.
Keyboard does not power on	AC adapter not properly connected; power outlet issue.	Ensure AC adapter is securely connected to both the keyboard and the power outlet; try a different outlet.
Touch screen is unresponsive	Temporary software glitch; screen calibration needed.	Turn the power off and on again; refer to the detailed manual for screen calibration instructions if the issue persists.
Styles or Voices are not loading	Incorrect file format; corrupted data; insufficient memory.	Ensure files are in the correct format; try re-downloading or re-transferring; check available memory.

11. WARRANTY AND CUSTOMER SUPPORT

Your Yamaha PSR-SX720 Arranger Keyboard comes with a manufacturer's warranty. For detailed information regarding warranty terms, coverage, and duration, please refer to the warranty card included with your product or visit the official Yamaha website.

For technical support, service, or any inquiries not covered in this manual, please contact Yamaha customer support through their official website or the contact information provided in your product documentation.

Please have your model number (PSRSX720) and serial number ready when contacting support.

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