



Digital Workstation

PSR-A5000

Owner's Manual

Thank you for purchasing this Yamaha Digital Workstation!

This electric keyboard for professional entertainers not only has a wide selection of Voices and versatile functions but also gives you the potential of expanding content for the instrument.

We recommend that you read this manual carefully so that you can fully take advantage of the advanced and convenient functions of the instrument. We also recommend that you keep this manual in a safe and handy place for future reference.

Before using the instrument, be sure to read "PRECAUTIONS" on pages 5–6.



Main Features

Created to meet the demands of Oriental music entertainers, the PSR-A5000 is an inspirational delight—featuring extraordinary sound, advanced functions, and wonderfully expressive control.

● **Amazingly expressive and realistic Voices**

The PSR-A5000 boasts a comprehensive set of authentic sounding Oriental Voices, including Oud, Nay and Qanoon. The Voices can be played naturally and with great expressiveness—thanks to the new, cutting-edge portamento advancements, featuring velocity and time control.

● **Accompaniment Styles**

The convenient Styles give you full instrument accompaniment, making it possible to perform in a wide variety of music genres simply by playing chords. Naturally, the PSR-A5000's Style content has been created to meet the demands of Oriental music entertainers, and the instrument's Style engine has been localized with new features—including up to 128-note Drum Kits, Drum Key-off samples and support for multiple time signatures within a Style.

● **LIVE CONTROL Joystick, knobs and Assignable buttons—Customized control**

The LIVE CONTROL Joystick and knobs let you intuitively control your performance in real time. A wide variety of functions can be assigned to the Joystick and knobs, so you can easily add variations to the sound during your performance. The Assignable buttons let you set your favorite functions and shortcuts, letting you easily customize the instrument to match your own needs and playing style.

● **Scale Tune—Creating original scales**

The PSR-A5000 features Scale Tune buttons for easy access during live performances. Individual note pitches can be easily modified and stored as your own new scales to Scale Tune Memories. The Scale Tune Quick Setting allows for immediate setting of a desired scale.

● **Chord Looper—Your virtual left hand**

Chord Looper enables you to record a chord sequence and play it back, freeing your left hand from playing chords and providing new opportunities to further enhance your performance.

● **Voice and Style expandability with the Yamaha Expansion Manager**

With Yamaha Expansion Manager software on your computer, you can continually expand the onboard content of the instrument by creating and installing your own custom and downloaded Packs. Supporting WAV, AIFF, SoundFont and even REX format, for handling audio slices, the scope of possibilities for new sounds and styles is virtually unlimited.

● **Audio features, including recording and editing**

Audio files can be played back on the instrument, plus you can directly record your performance as audio files to the internal User drive or a USB flash drive. The instrument also provides a variety of advanced, convenient audio playback and processing functions, including Time Stretch and Pitch Shift. The Vocal Cancel function significantly reduces the volume of existing vocals in an audio file, allowing you to sing “karaoke” style with just the instrumental backing. Since Audio files can also be assigned to Multi Pads and played back during your performance, the creative potential is enormous.

Compatible formats for the instrument



GM (General MIDI) is one of the most common Voice allocation formats. GM System Level 2 is a standard specification that enhances the original GM format and improves Song data compatibility. It provides for increased polyphony, greater Voice selection, expanded Voice parameters, and integrated effect processing.



XG is a major enhancement of the GM System Level 1 format, and was developed by Yamaha specifically to provide more Voices and variations, as well as greater expressive control over Voices and effects, and to ensure compatibility of data well into the future.



GS was developed by the Roland Corporation. In the same way as Yamaha XG, GS is a major enhancement of the GM specifically to provide more Voices and Drum kits and their variations, as well as greater expressive control over Voices and effects.



The Yamaha XF format enhances the SMF (Standard MIDI File) standard with greater functionality and open-ended expandability for the future. This instrument is capable of displaying lyrics when an XF file containing lyric data is played.



SFF (Style File Format) is an original Style file format by Yamaha which uses a unique conversion system to provide high-quality automatic accompaniment based on a wide range of chord types. SFF GE (Guitar Edition) is an enhanced format of SFF, which features improved note transposition for guitar tracks.

Information

■ About copyrights

- Copying of the commercially available musical data including but not limited to MIDI data and/or audio data is strictly prohibited except for your personal use.
- This product incorporates and bundles contents in which Yamaha owns copyrights or with respect to which Yamaha has license to use others' copyrights. Due to copyright laws and other relevant laws, you are NOT allowed to distribute media in which these contents are saved or recorded and remain virtually the same or very similar to those in the product.
 - * The contents described above include computer applications, Accompaniment Style data, MIDI data, WAVE data, voice recording data, a score, score data, etc.
 - * You are allowed to distribute media in which your performance or music production using these contents is recorded, and the permission of Yamaha Corporation is not required in such cases.

■ About functions/data bundled with the instrument

- Some of the preset songs have been edited for length or arrangement, and may not be exactly the same as the original.
- This device is capable of using various types/formats of music data by optimizing them to the proper format music data for use with the device in advance. As a result, this device may not play them back precisely as their producers or composers originally intended.

Yamaha may from time to time update firmware of the product without notice for improvement in functions and usability. To take full advantage of this instrument, we recommend that you upgrade your instrument to the latest version. The latest firmware can be downloaded from the website below:

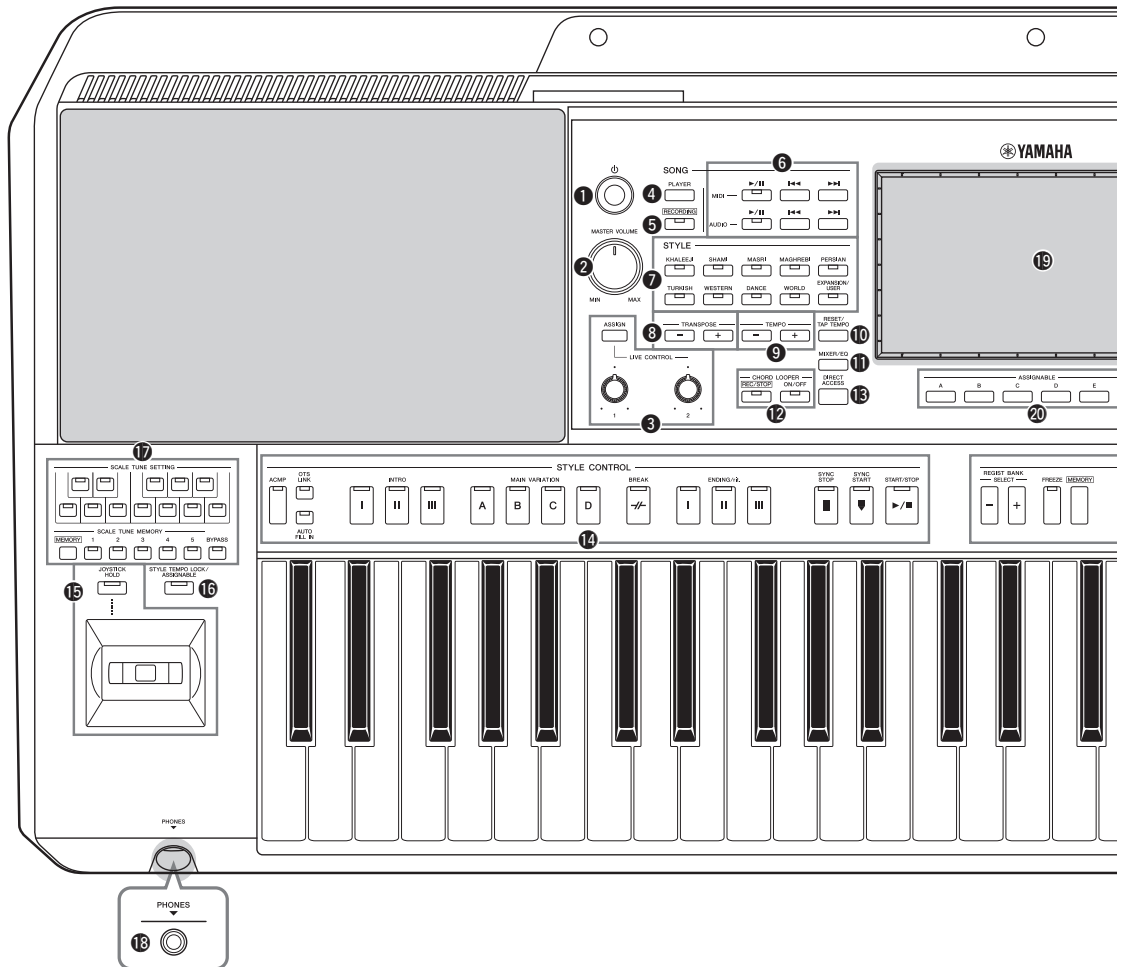
<https://download.yamaha.com/>

Included Accessories

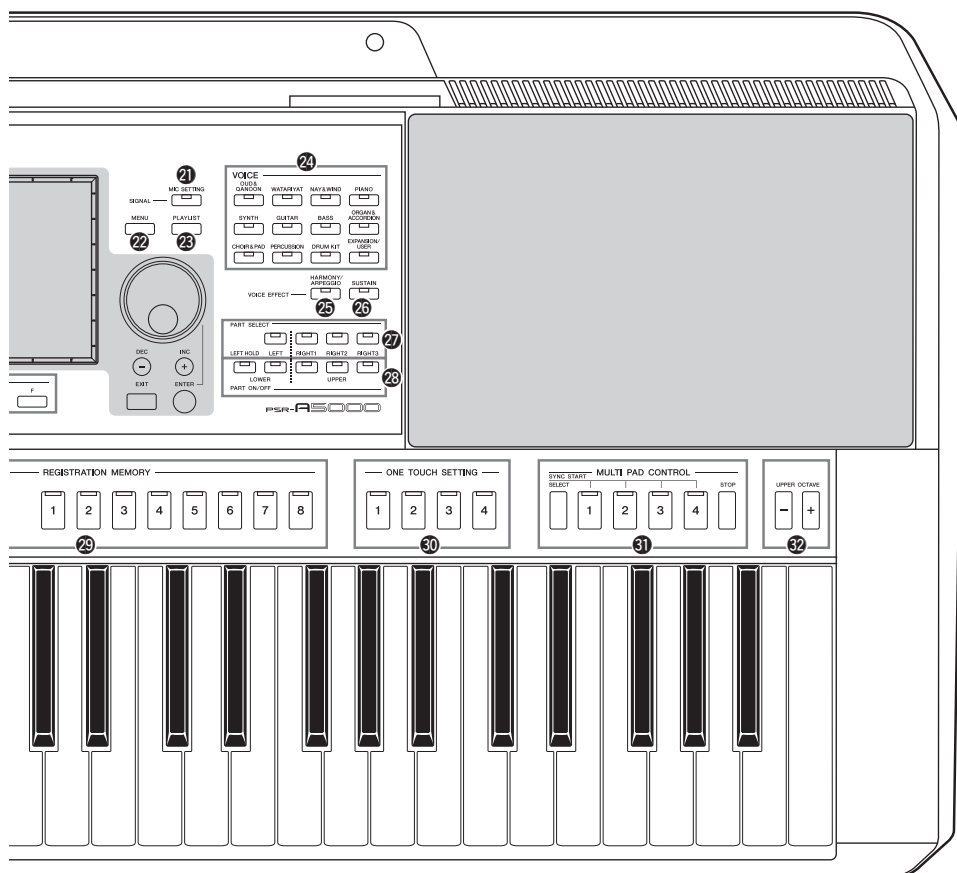
- Owner's Manual (this book) x 1
 - Online Member Product Registration x 1
 - Music rest x 1
 - AC adaptor, power cord x 1
- May not be included depending on your area. Check with your Yamaha dealer.

Panel Controls and Terminals

■ Top Panel



- 1** [⏻] (Standby/On) switch Page 20
Turns on the instrument's power or sets to standby.
- 2** [MASTER VOLUME] dial Page 20
Adjusts the overall volume.
- 3** [ASSIGN] button, LIVE CONTROL knobs
..... Page 56
Assigns functions and controls sounds in real time.
- 4** SONG [PLAYER] button Pages 24, 67
Calls up the Song Player display.
- 5** SONG [RECORDING] button Pages 24, 87
Calls up the Song Recording display.
- 6** SONG playback control buttons..... Page 70
Controls MIDI and Audio Song playback.
- 7** STYLE category selection buttons Page 40
Selects a Style category.
- 8** TRANSPOSE buttons..... Page 55
Transposes the entire pitch of the instrument in semitone steps.
- 9** TEMPO buttons Page 42
Controls the tempo for Style, Song and Metronome playback.
- 10** [RESET/TAP TEMPO] button Pages 42, 59
Allows you to change the tempo by tapping the button twice at the desired tempo. During Style playback, this instantly resets (rewinds) the Style section playback.
- 11** [MIXER/EQ] button Pages 24, 83
Calls up the Mixer display which adjusts the parameters of each part, such as volume, pan, and EQ.
- 12** CHORD LOOPER buttons Page 60
Controls recording and loop playback of the Chord Looper function.
- 13** [DIRECT ACCESS] button..... Pages 32, 113
For instantly calling up the desired display with just a single additional button press.
- 14** STYLE CONTROL buttons..... Pages 40, 58
For controlling Style playback.



- 15 Joystick, [JOYSTICK HOLD] button Page 62
For using pitch bend, modulation and assigned functions.
- 16 [STYLE TEMPO LOCK/ASSIGNABLE] button Page 57
Controls lock/reset to lock the Style tempo, or turn the assigned function on/off.
- 17 SCALE TUNE SETTING, MEMORY, BYPASS buttons..... Page 78
For controlling and setting up Scale Tune.
- 18 [PHONES] jack Page 19
For connecting a pair of headphones.
- 19 Touch LCD and related controls Page 26
- 20 ASSIGNABLE buttons..... Page 97
For assigning shortcuts to often used functions.
- 21 [MIC SETTING] button Page 104
Calls up the display from which you can make settings for the microphone/guitar.
- 22 [MENU] button..... Pages 25, 29
Calls up the Menu display, which allows you to call up various functions.
- 23 [PLAYLIST] button Pages 25, 93
Calls up the Playlist display.
- 24 VOICE category selection buttons..... Page 48
Selects a Voice category.
- 25 [HARMONY/ARPEGGIO] button Page 50
Applies the Harmony or Arpeggio to the right-hand Voices.
- 26 [SUSTAIN] button Page 63
Applies Sustain to the right-hand Voices.
- 27 PART SELECT buttons..... Page 48
Selects a Voice for each of the keyboard parts.
- 28 PART ON/OFF buttons Page 44
Turns each of the keyboard parts on or off.

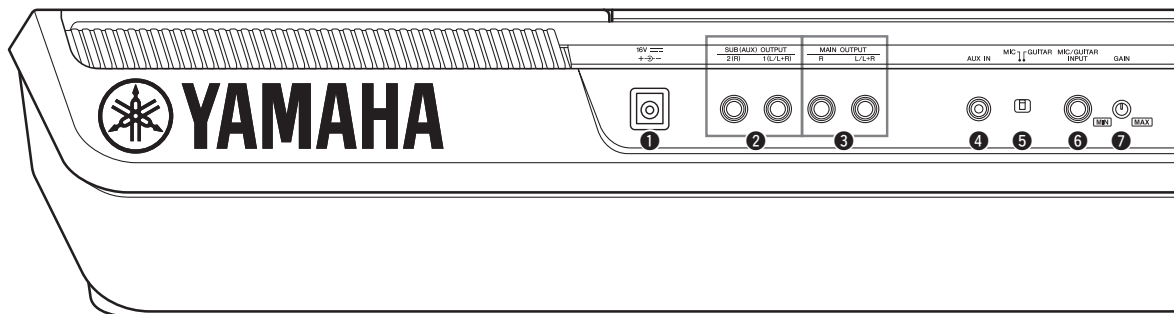
- 29 **REGISTRATION MEMORY buttons**..... Page 89
For registering and recalling panel setups.
- 30 **ONE TOUCH SETTING buttons**.....Pages 43, 54
Calls up the appropriate panel settings for the Style.
- 31 **MULTI PAD CONTROL buttons**Pages 53, 64
Selects and plays a rhythmic or melodic Multi Pad phrase.

- 32 **UPPER OCTAVE buttons** Page 55
Shifts the pitch of the keyboard in octave steps.

Panel Setup (Panel Settings)

By using the controls on the panel, you can make various settings as described here. These settings of the instrument are together referred to as “panel setup” or “panel settings” in this manual.

■ **Rear Panel**

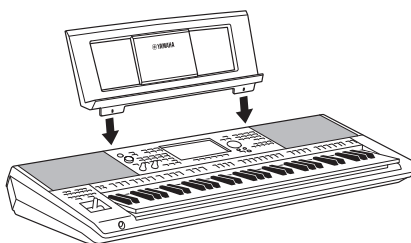


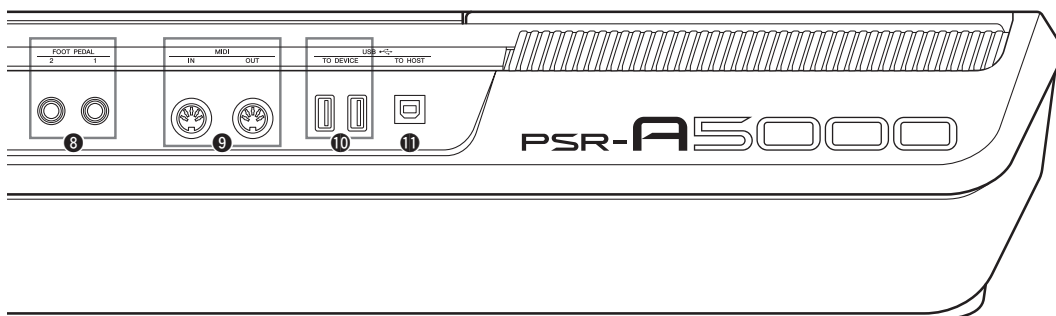
- 1 **DC IN jack**..... Page 20
For connecting the power adaptor.
- 2 **SUB (AUX) OUTPUT [1 (L/L+R)], [2 (R)] jacks** Page 105
For connecting external audio devices. These jacks function as either SUB 1-2 or AUX outputs, depending on the Line Out settings.
- 3 **MAIN OUTPUT [L/L+R], [R] jacks**..... Page 105
For connecting external audio devices.

- 4 **[AUX IN] jack** Page 106
For connecting an external audio device, such as a portable audio player.
- 5 **[MIC GUITAR] switch**Page 103
For switching between “MIC” and “Guitar” for proper use of the [MIC/GUITAR INPUT] jack.
- 6 **[MIC/GUITAR INPUT] jack**Page 103
For connecting a microphone or guitar.

Attaching the Music Rest

Insert the music rest into the slots as shown.

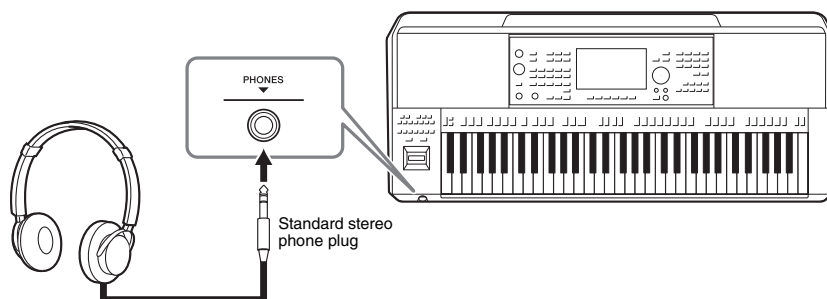




- 7 [GAIN] knob**..... Page 103
 For adjusting the input level of the [MIC/GUITAR INPUT] jack.
- 8 FOOT PEDAL [1], [2] jacks**..... Page 107
 For connecting footswitches and/or foot controllers.
- 9 MIDI [IN], [OUT] terminals**..... Page 110
 For connecting external MIDI devices.
- 10 USB TO DEVICE terminals** Page 108
 For connecting USB devices, such as a USB flash drive, or an optional wireless LAN adaptor, etc.
- 11 [USB TO HOST] terminal**..... Page 110
 For connecting to computer, or an optional wireless MIDI adaptor.

Using the Headphones

Connect a pair of headphones to the [PHONES] jack.



CAUTION

Do not listen with the headphones at high volume for long periods of time. Doing so may cause hearing loss.