# FAQ

| Overall | |
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| A click or pop is heard when the power is turned on or off. | This is normal. Electrical current is being applied to the instrument. |
| Some Voices have a looping sound. | This is normal and is a result of the instrument's sampling system. |
| Some noise or vibrato is noticeable at higher pitches, depending upon the Voice. | |
| The overall volume is too low, or, no sound is heard. | The master volume may be set too low. Set it to an appropriate level with the [MASTER VOLUME] control. |
| | All keyboard parts are set to off. Use the PART ON/OFF [RIGHT 1]/[RIGHT 2]/[RIGHT 3]/[LEFT] button to turn it on. |
| | The volume of individual parts may be set too low. Raise the volume in the BALANCE display. |
| | Make sure the desired channel is set to on in the CHANNEL display. |
| | Headphones are connected, disabling the speaker output. Unplug the headphones. |
| | If volume control is assigned to the [ASSIGN] slider or foot controller, set it to an appropriate level. |
| | The [FADE IN/OUT] button is on, muting the sound. Press the [FADE IN/OUT] button to turn the function off. |
| | A plug is inserted in the LOOP SEND jacks. Unplug the LOOP SEND jacks. |
| | Connect the footswitch to the appropriate jack. |
| | Check whether the external speaker is connected and the volume control is adjusted properly. |
| The keyboard volume is lower than the Style/ Song playback volume. | The volume of the keyboard parts may be set too low. Raise the volume in the BALANCE display. |
| | The [ASSIGN] slider may be set to a low level. (By default, keyboard volume is assigned to the [ASSIGN] slider.) Set it to an appropriate level. |
| The Main display does not appear even when turning the power on. | This may occur if a USB storage device has been installed to the instrument. Installation of some USB storage devices may result a long interval between turning the power on and appearance of the Main display. To avoid this, turn the power on after disconnecting the device. |
| Some characters of the file/folder name are garbled. | The language settings have been changed. Set the appropriate language for the file/ folder name. |
| An existing file is not shown. | • The file extension (.MID, etc.) may have been changed or deleted. Manually rename the file, adding the appropriate extension, on a computer.<br>• Data files with names of more than 50 characters cannot be handled by the instrument. Rename the file, reducing the number of characters to 50 or less. |
| The Premium Pack data cannot be purchased. | Before purchasing the Premium Pack data, obtain the license key. |

| Voice | |
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| What is Super Articulation! Voice? | The SA Voices provide greater playability and expressive control in real time. For example, with the Saxophone Voice, if you play a C and then a D in a legato manner, you will hear the note change seamlessly, as though a saxophone player played it in a single breath. Similarly with the Concert Guitar Voice, the D note would sound as a "hammer on", without the string being plucked again. Depending on how you play, other effects such as shake or breath noises (for the Trumpet Voice), or finger noises (for the Guitar Voice) will be produced. |

| What is Super Articulation 2! Voice? | Mainly for wind instrument Voices, a special technology developed by Yamaha, called AEM has been used. SA2! Sounds feature detailed samples of special expressive techniques used on those specific instruments to bend or slide into notes, to "slur" different notes together, or to add expressive nuances at the end of a note, etc. You can add these articulations by playing legato or staccato, or by jumping in pitch by around an octave. For example, using the Clarinet Voice, if you hold a C note and play the B♭ above, you'll hear a glissando up to the B♭. Some "note-off" effects are also produced automatically when you hold a note for over a certain time.<br><br>Each SA2! Voice has its own default vibrato setting, so that when you select an SA2! Voice, the appropriate vibrato is applied regardless of the Modulation wheel position. The vibrato can be adjusted by moving the Modulation wheel. |
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| The Voice selected from the Voice Selection display does not sound. | Check whether or not the selected part is turned on. |
| A strange "flanging" or "doubling" sound occurs. The sound is slightly different each time the keys are played. | The RIGHT 1 and RIGHT 2 parts are set to "ON," and both parts are set to play the same Voice. Turn off the RIGHT 2 part or change the Voice of one of the parts. |
| The sound is slightly different each time the keys are played. | If you are routing the MIDI OUT on the Tyros4 to a sequencer and back to the MIDI IN, you may need to set Local Control setting to "off" in the SYSTEM Page of the MIDI display. |
| Some Voices will jump an octave in pitch when played in the upper or lower registers. | This is normal. Some voices have a pitch limit which, when reached, causes this type of pitch shift. |

## Style

| The Style does not start even when the [START/STOP] button is pressed. | The Rhythm channel of the selected Style may not contain any data. Turn the [ACMP] button on and play the left-hand section on the keyboard to sound the accompaniment part of the Style. |
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| Only the rhythm channel plays. | • Make sure the Auto Accompaniment function is turned on; press the [ACMP] button.<br>• You may be playing keys in the right hand range of the keyboard. Make sure to play keys in the chord range of the keyboard. |
| Styles in a USB storage device cannot be selected. | If the size of the Style data is large (about 120 KB or greater), the Style cannot be selected because the data is too large to be ready by the instrument. |
| Style does not change even when a different chord is played, or the chord is not recognized. | Play the performance on the left-hand section of the keyboard. |
| The vibrato effect applied when a Style is recorded sounds different when it is played back. | This may occur when you use a Style with certain SA2 Voices which have their own default vibrato value. Depending on the Modulation wheel position, the default vibrato value may be recorded or the modulation wheel value may be recorded, regardless of the actual vibrato sound you have played. To remedy this: Before starting to record the Style, operate the Modulation wheel once and change it to the position of the amount of vibrato effect you want to record. |

## Song

| Songs cannot be selected. | If the size of the Song data is large (about 300 KB or greater), the Song cannot be selected because the data is too large to be read by the instrument. |
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| Song playback does not start. | The Song has been stopped at the end of the Song data. Return to the beginning of the Song by pressing the SONG [STOP] button. |
| | In the case a Song to which write-protect has been applied ("Prot. 2 Edit" is shown at the upper left of the Song name):<br>• The original file may not be in the same folder. It cannot be played back unless the original file (showing "Prot.2 Orig" at the upper left of the Song name) is in the same folder.<br>• The original file name may have been changed. Rename the file with the original file name (so that "Prot.2 Orig" is shown at the upper left of the Song name).<br>• The file icon may have been changed. Songs to which write-protect has been applied cannot be played back when the file icon of the original has been changed. |
| The measure number is different from that of the score in the Song Position display, shown by pressing the [REW]/[FF] buttons. | This happens when playing back music data for which a specific, fixed tempo is set. |

| When playing back a Song, some channels do not play. | Playback of these channels may be set to off. |
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| | • Turn playback on for those channels that are set to off on CHANNEL ON/OFF (SONG). |
| | • Change the SONG CHANNEL setting to "PLAY". |
| The tempo, beat, measure and music notation is not displayed correctly. | Some Song data for the instrument has been recorded with special "free tempo" settings. For such Song data, the tempo, beat, measure and music notation will not be displayed correctly. |
| The vibrato effect applied when a Song is recorded sounds different when it is played back. | This may occur when you use SA2 Voices which have their own default vibrato value. Depending on the Modulation wheel position, the default vibrato value may be recorded or the modulation wheel value may be recorded, regardless of the actual vibrato sound you have played. To remedy this: |
| | • Select a Voice AFTER you set the Modulation wheel to minimum (down) position. |
| | • If you want to cancel the vibrato effect, set the Modulation wheel to minimum position AFTER Song recording starts. |

## Registration Memory

| To save registrations on your Tyros | 1. Make your registration set-ups in the Registration buttons |
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| | 2. Select 'Registration bank' (Button J on the 'Main' Screen) |
| | 3. Tab to USER, HD1 or USB |
| | 4. Press 'Save' |
| | 5. Enter a name of your choice |
| | 6. Press OK |
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| | The Registration bank will now appear. To make a second bank please repeat the operation from point 1, but enter a different name at point 5 otherwise the first bank will be overwritten. |

## Audio Recorder/Player

| To Delete all the Audio files on the Hard Drive | 1. If you have an Audio file selected, please re-start you Tyros |
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| | 2. Press the 'HDR Select' button |
| | 3. Choose 'Delete' |
| | 4. Select 'All' |
| | 5. Press 'OK' |
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| | All of the Audio files on your HDD will now be erased. |
| Audio files cannot be selected. | The file format may not be compatible with the instrument. The compatible formats are: MP3 and WAV. The DRM protected files cannot be played back. |
| Recorded file is played back at a different volume compared to when it was recorded. | The audio playback volume has been changed. Setting the volume value to 90 plays back the file as the same volume when it was recorded. |
| An audio song in the internal HDD cannot be copied or cut. | The audio song file name (which contains the file path, internally) in the internal HDD may be too long. Shorten the song name or copy/ paste the file to a higher folder level. |
| In the Audio Recorder/Player function, an error message appears and audio cannot be recorded to the internal hard disk drive. | The data on the hard disk drive is fragmented and cannot be used as is. Since there is no defragmentation function in the Audio Recorder/ Player, the drive can only be defragmented by formatting it. To do this, first back up the data to a computer by using the USB storage mode, then format the drive, and finally copy the data back to the drive (using the USB storage mode again). Performing this copy/ restore operation effectively defragments the drive, allowing you to use it again. |

| Vocal Harmony | |
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| How to use Vocal Harmony | 1. Connect a microphone to the Tyros4, then adjust the [MIC GAIN] while singing into the microphone<br>2. From the Main display, adjust the balance of the microphone (MIC) sound with the other sounds of the instrument (i.e.,Song, Style, Voices, Audio Recorder/Player, Multi Pads, etc.)<br>3. Press the [VH TYPE SELECT] button to call up the Vocal Harmony Type Selection display<br>4. Use the TAB buttons to select the VOCAL HARMONY tab<br>5. Use the [A]–[J] buttons to select the desired Vocal Harmony type<br>6. If necessary, press the [VOCAL HARMONY] button to turn the function on |
| What is the feature of new Vocal Harmony? | • New hardware includes a balanced combi XLR/Jack input, 1 additional DSP chip and a new preamp.<br>• The new intuitive GUI includes a new harmony voice mixer, revised Mic Settings page and an active Mic Level meter in the Main Display.<br>• Produces 3 harmony voices in addition to the lead voice (Tyros3 creates 2 harmony voices). VH2 can also change your lead voice gender between Male and Female!<br>• New pitch recognition system and stability control assists to make a perfect performance.<br>• Natural formant and EQ adjustment of the harmony signal results in a much more natural harmony sound. |
| The MIC volume is too low, or, no sound is heard. | • Please adjust the [MIC GAIN] controls so that the INPUT LEVEL meter lights in green or yellow on the MIC SETTING display (called up by pressing the [MIC SETTING] button). Make sure that the meter does not light in orange or red, since this indicates that the input level is too high.<br>• Check [MIC] volume in [MIXING CONSOL]. Set it to an appropriate level with the [MASTER VOLUME] control. |
| What is the Synth Vocoder? | It is a special effect that graft the characteristics of your voice onto synthesizer and other sounds, for unusual machine-like or robotic effects, as well as unique choir sounds, which you can control with your own singing and playing. The algorithm is taken from MOTIF XF. |
| Music Finder | |
| How to Back Up your Music Finder collection | 1. Press the 'Music Finder' button<br>2. Choose 'Files'<br>3. Tab to USER, HD1 or USB<br>4. Press 'Save'<br>5. Enter a name of your choice to name your Music Finder<br>6. Press OK<br><br>A copy of the Music Finder currently being used will now be backed up. |
| How install a different Music Finder collection | 1.  Press the 'Music Finder' button<br>2. Choose 'Files'<br>3. Tab to the location where your new Music Finder is located - USER, HD1 or USB<br>4. Select the Music Finder file<br>5. Choose Replace or Append (Replace will delete the Music finder currently being used in your Tyros, Append will combine the existing Music Finder with this Music Finder File - Max 2500 Records)<br>6. Select 'Yes'<br>7. Select 'Yes' again and your Music Finder will be displayed |

| One Touch Setting | |
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| How to use One Touch Setting | 1. Select a Style |
| | 2. Press one of the ONE TOUCH SETTING [1]–[4] buttons<br>Not only does this instantly call up all the settings (Voices, effects, etc.) that match the current Style, it also automatically turns on ACMP and SYNC START, so that you can immediately start playing the Style |
| | 3. As soon as you play a chord with your left hand, the selected Style starts. Each Style has four One Touch Setting setups. Press other ONE TOUCH SETTING [1]–[4] button to try out other setups |
| **Pedal** | |
| How to change a Pedal Function | 1. Press the 'Direct Access' button<br>2. Press the pedal that you wish to change the function of<br>3. Use Buttons C & D to the left of the LCD to adjust the function<br>4. Press 'Direct Access' & 'Exit' to return to the Main Screen<br><br>Note<br>If you are using Registration shift, this may stop the pedal from using this function. |
| The on/off setting of the footswitch connected to the ASSIGNABLE FOOT PEDAL jack is reversed. | Turn the instrument's power off, then turn on again without pressing the footswitch. |
| **Microphone** | |
| The microphone input signal cannot be recorded. | The microphone input signal cannot be recorded by Song recording. Use the Audio Recorder/Player function. |
| Harmony can be heard in addition to the microphone sound. | Vocal Harmony is set to on. Turn Vocal Harmony off. |
| **Terminal** | |
| Sound input to the AUX IN jacks is interrupted. | The output volume of the external device connected to this instrument is too low. Increase the output volume of the external device. The volume level reproduced via this instrument can be adjusted by using the [MASTER VOLUME] control. |
| When connecting the instrument to a computer, the computer freezes. | An old USB-MIDI driver which is incompatible with the instrument has been installed to the computer. Disconnect the instrument from the computer and uninstall the old driver, then install the latest USB-MIDI driver. The latest driver can be downloaded from "Support" corner. |