This quick start guide is to help you set up a computer with the QSC TouchMix-30 Pro digital mixer—for example, to use it as a digital audio workstation (DAW).

If your computer runs on the Windows 7, Windows 8, Windows 8.1, or Windows 10 operating systems, you must first install the Windows driver before using the mixer and computer together, including setting up the DAW. If your computer is a Mac, you may proceed and set up the DAW.

Non-DAW audio playback from computer
Stereo audio from Windows comes into the mixer on the stereo channel 2-Trk PB (audio channels 31 and 32).

TouchMix-30 Pro settings
To receive audio from the computer, press the mixer’s Rec/Play button, touch Record Mode, and select Multitrack DAW. Audio from input channels 1 through 30 and from the 2-Trk Record output (channels 31 and 32) is always sent to the computer regardless of the mixer’s Record Mode setting.

Installing the Windows Driver
The TouchMix-30Pro Windows Driver creates an interface between a TouchMix-30 Pro mixer and a computer running the Windows 7, Windows 8, Windows 8.1, or Windows 10 operating system (recommended). The program supports up to 32 × 32 channels of digital audio between the mixer and the computer.

Installation
1. Extract the compressed folder to a new location.
2. Open the new uncompressed folder and run Setup.
3. The Windows operating system will ask if you want to allow the program to make changes to your device. Click Yes.
4. The Setup Welcome window (Figure 1) will appear. Click Next to continue.
5. Accept the default location for the driver folder or browse to another location (Figure 2). Click Install.
Connection

1. Use a Type B USB cable (Figure 4) to connect the mixer’s USB DAW port to a USB port on your computer.

2. In the list of audio output devices, select QSC TM30 Pro device in the Audio MIDI Setup list. Then right click on it and select Use this device for sound output. See Figure 6.

3. Click Output; then click Configure Speakers… at the lower right.

4. Verify that Stereo is selected. Click Left Front and select Q 31. Click Right Front and select Q 32 (Figure 7). This will route iTunes music to the mixer’s 2-Trk PB channel. Any other pair of channels may be used instead, but the mixer would need to be in DAW mode, with Track selected as their input source.

5. Click Done.

Configuring iOS Core Audio

1. To connect a TouchMix-30 Pro to a Mac DAW, start by connecting a Type B USB cable (Figure 4) to the USB DAW port on the mixer. Then connect the other end to your computer’s USB jack.

2. On the TouchMix, push Rec/Play > Recording Mode > and select Multitrack DAW.

3. Open the Audio MIDI Setup utility on the Mac (Finder > Applications > Utilities > Audio MIDI Setup). If the audio window isn’t already visible, go to the Window tab and select Show Audio Devices.

4. QSC TM30 Pro will appear in the Audio Devices window (Figure 5). Select the mixer and make sure the sample rate on the computer matches that of the mixer. The TouchMix sample rate may be set from its Rec/Play screen.

Configuring Apple iTunes Playback

1. In the list of audio output devices, select QSC TM30 Pro device in the Audio MIDI Setup list. Then right click on it and select Use this device for sound output. See Figure 6.

2. Click Output; then click Configure Speakers… at the lower right.

3. Verify that Stereo is selected. Click Left Front and select Q 31. Click Right Front and select Q 32 (Figure 7). This will route iTunes music to the mixer’s 2-Trk PB channel. Any other pair of channels may be used instead, but the mixer would need to be in DAW mode, with Track selected as their input source.

4. Click Done.
Setting up the TouchMix-30 Pro with a DAW

DAW software settings

With the Windows driver installed and the computer connected to the mixer, your DAW program remains to be configured. Each DAW program will have its own unique procedure, typically of three or four steps, which will set these configurations:

- Designate the TouchMix-30 Pro as the audio source for the DAW.
- Set the number of mixer inputs and outputs to be used by the DAW program.
- For recording, assign mixer inputs to DAW tracks.
- For mixing down, assign DAW tracks to mixer inputs.

This following pages of this Quick Start Guide have procedures for four popular DAW programs: Apple Logic Pro X, Steinberg Cubase, Pro Tools 12.5, and Apple GarageBand 10. See your DAW software’s user documentation for any specific details. If your DAW does not recognize the mixer, it may be necessary to turn the mixer off and on again or to restart your computer.

Apple Logic Pro X

1. Open Logic Pro X.
2. To select the TouchMix-30 Pro as the audio device, go to Preferences > Audio. Click Devices. At Output Devices, select QSC TM30 Pro (Figure 4). Do the same at Input Devices (Figure 4).
3. Close Preferences.
4. To assign TouchMix-30 Pro inputs to Logic Pro X, go to File > New.
5. For Track type, select Audio.
6. For Number of tracks, enter 32.
7. With these default settings, the mixer inputs will map one-to-one with the DAW buses. For more advanced settings, click Details (Figure 5). The options offered include shifting mapping to different input and output channels; ascending channel numbering for inputs and outputs; opening the library for inputs; adjusting monitoring configurations.
8. Click Create.
1. Open Cubase.

2. To select TouchMix-30 Pro as the audio device, go to Devices > Device Setup… > VST Audio System. At ASIO Driver, select QSC TM30 Pro (Figure 10).

3. Click OK.

4. To assign TouchMix-30 Pro inputs to the Cubase buses, go to Devices > VST Connections > Inputs.

5. Select and delete any existing connections.

6. Click Add Bus. The Add Input Bus window will open (Figure 11).

7. In Count, select the number of mixer channels to assign to buses. For example, select 30 if you wish to add all of them. NOTE: Some entry-level versions of Cubase support only 16 buses.

8. In Configuration, select Mono.

9. Click Add Bus. The mixer inputs will map one-to-one to the DAW buses (Figure 12).

10. To assign Cubase outputs to TouchMix-30 Pro inputs, go to Devices > VST Connections > Outputs.

11. As in assigning the Cubase inputs, select and delete any existing connections. Click Add Bus to set the channel count and configurations. When you have finished, click Add Bus.

12. To connect mixer inputs to DAW tracks, first select a track. Look in the Inspector window or at Track Controls and find the e (edit channel settings) symbol.

13. Click e. The Channel Settings window will open.

14. On the DAW track you wish to assign, click the box to the left of the track number and name.

15. Select the bus that you want to feed this track. For example, see Figure 13. Track 2 is portrayed. Selecting Mono In 2 assigns mixer channel 2 to Track 2. Therefore, the signal flow is TouchMix-30 Pro input channel 2 to Cubase Mono In 2 to Cubase Track 2. Repeat for other tracks.

16. To connect DAW buses to TouchMix-30 Pro input channels, first select a track. As in the earlier steps, look in the Inspector window or at Track Controls and find the e (edit channel settings) symbol.

17. Click e. The Channel Settings window will open.

18. On the DAW track you wish to assign, click the box to the right of the track number and name.

19. Select the bus you wish to have this track feed. For example, see Figure 14. Track 2 is portrayed. Selecting Mono Out 2 assigns mixer channel 2 to Track 2. The resulting signal flow is Cubase Track 2 to Cubase Mono Out 2 to TouchMix-30 Pro input channel 2. Repeat for other tracks.
NOTE: Pro Tools will need to create a Pro Tools Aggregate I/O Device in the Audio MIDI Setup window of a setup app. This procedure will be covered later.

1. Open Pro Tools 12.5. You will be prompted to either create a new project or open an existing one (Figure 15). Choose your approach.

2. To set up the Pro Tools Aggregate I/O, go to Setup > Hardware. In the Hardware Setup window (Figure 16), click Launch Setup App.

3. The Setup MIDI Audio Devices window will open (Figure 17). Select Pro Tools Aggregate I/O and select the QSC TM30 Pro. Set the sample rate to match the mixer’s sample rate (the TouchMix sample rate is configured in its Rec/Play screen).

4. To set up I/O routing for the TouchMix-30 Pro, go in Pro Tools to Setup > I/O Setup.

5. The I/O Setup window includes input and output assignment matrices (Figure 18). Assign them as needed. Click OK.

6. To assign TouchMix-30 Pro inputs to tracks, go to Track > New… and click Create.

7. The New Tracks window will open (Figure 19). In Create, enter the number of tracks to add (for example, 32). Click Create; 32 mono audio tracks have been added to Pro Tools.
Apple GarageBand 10

1. Open GarageBand and create a new project. You will be prompted to select the kind of project (Figure 20). Select Empty Project and click Choose.

2. To add your first track, select an input (Figure 21) and at My instrument is connected with; select QSC TM30 Pro. At I hear sound from; also select QSC TM30 Pro. Click Create.

3. Repeat this for all the remaining inputs and tracks.

4. So you can record on all tracks at the same time, you will need to expose the Record and Input Monitoring buttons on each track. To do this, go to Track > Track Header (Figure 22) and select Show Record Enable Button. Then go to Track > Track Header and select Show Input Monitoring Button.

Note that when you monitor the mix on GarageBand, it sends the mix only to inputs 1 and 2 on the TouchMix-30 Pro. This cannot be rerouted.

Also, when you monitor an input, GarageBand sends the audio only to Inputs 1 and 2. To listen to Inputs 1 and 2 on the TouchMix, touch the Rec/Play button and select the Track buttons for Inputs 1 and 2. The Track button background turns green when it is selected.