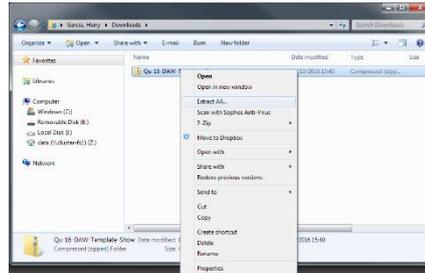
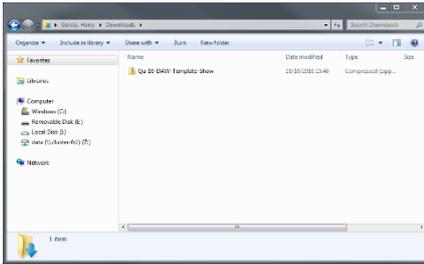


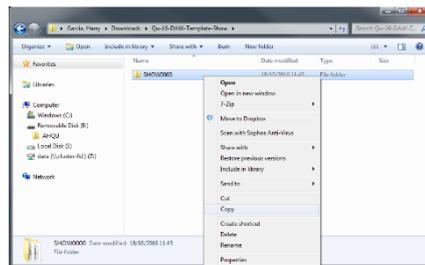
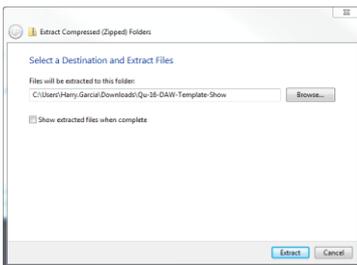
1. Recommendations before you start:

You will require a USB device which has been formatted using the Qu mixer **Utility / Qu-Drive** screen. Please refer to the '[Understanding Qu-Drive and USB](#)' document in the [Allen & Heath Qu Series Knowledgebase](#). If the drive has already been formatted in the mixer, you do not need to do this again. To avoid the accidental overwriting or loss of existing data, we recommend clearing the **USB device\AHQU\SHOWS** folder before copying new files to this folder. Please **back up** any Show "SHOW***".DAT files you have in here **before** proceeding. To do this, move any "SHOW" .DAT files from this folder to a safe location on your computer.

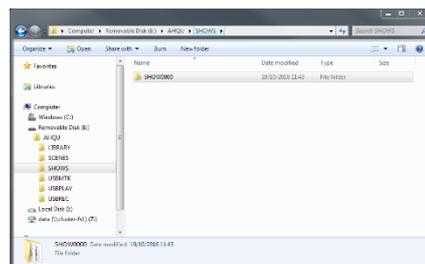
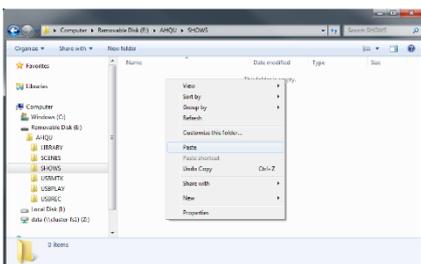
1.1 Download and Un-Zip the Qu DAW Template Show Files:



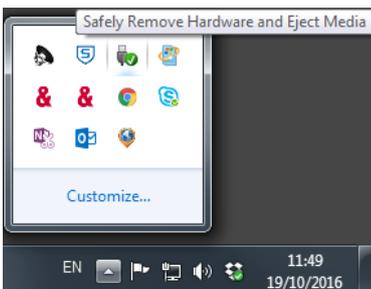
1. Download the "Qu DAW Template Show" ZIP file.
2. Extract the ZIP file.



3. Select the destination folder and click "Extract".
4. Select the "SHOW***" folder from the extracted folder and copy.



5. Paste into USB device\AHQU\SHOWS.
6. The SHOW file will now be copied to USB device.



7. Safely Eject Media before removing the USB device.

1.2 USB Data – Load Show file



1. Once you have transferred the Qu DAW Template Show file to the USB device. Plug the USB device into the into the mixer’s Qu-Drive port.



2. Go to the SETUP > USB Data > Shows menu



3. Touch to highlight the Show file, then touch ‘Recall’.



4. Show Recall will overwrite all current settings. Press ‘Yes’ to continue.

If you do not wish to overwrite current settings press ‘No’ and save your current settings to a new show file.



5. The Show file will take several seconds to load.

1.3 Workflow Scenes explained



The Show file contains 3 Scenes for different studio workflows.

1. **Tracking** – for recording all mono inputs and returning DAW master plus click track to Qu for monitoring.
2. **Mix In The Box (ITB)** – for recording some inputs, returning stems back to Qu for processing, and returning DAW master and click track for monitoring.
3. **Mix Out The Box (OTB)** - for returning all tracks or stems back to Qu from the DAW for processing and mixdown, then printing (recording) the LR Mix back to the DAW.

Each scene contains Channel Input Source Patching specific to each of the 3 studio workflows.

USB Audio Output and Channel Input Source Patching varies slightly with each Qu variant due to differences in USB/Channel configuration.

1.4 Common settings for all scenes and consoles sizes:

Audio	> PAFL -	LR to PAFL – ON - Routes main LR mix to PAFL bus when no channel PAFL keys are selected. Output AFL - OFF - Allows Output PAFL signal to be Pre Fader for independent monitoring.
Talkback	> 'Fn' Options –	Momentary Latch – OFF – Prevents musicians accidentally hearing cursors from Control Room...
Control	> Custom Layer – > Preferences –	All Custom Layer Strips assigned to MIDI. Processing Screens Follow Surface – ON – processing screens follow control being adjusted.
I/O Patch	> Surface –	Alt Out – PAFL – Sends PAFL Signal to Alt Out for monitoring.
ROUTING	> Global Direct Out–	Post Comp – Allows channel processing to be used during recording if required.

1.5 Variant specific settings:

Qu-16 - All Scenes:

Control	> SOFTKEYS
	1. Mute Group 1
	2. PAFL Clear
	3. DAW Control – Bank Up
	4. DAW Control – Bank Down
I/O Patch	> USB Audio
	Out 1-16 = CH1-16
	Out 17-18 = ST1
	Out 19-20 = ST2
	Out 21-22 = FX1 Ret
	Out 23-24 = LR Mix



Qu-16 - Per Scene:

Tracking - CH1-16 = Local. ST1, ST2 = USB



Mix ITB - CH1-12 = Local. CH13-16, ST1, ST2 = USB



Mix OTB- All channels = USB



ST3 excluded from all scenes to enable Local Media playback via 3.5mm socket.



Qu-24 - All Scenes:
Control >SOFTKEYS

- | | |
|-----------------------------------|-------------------------|
| 1. Mute Group 1 | 6. MMC - <i>Rewind</i> |
| 2. Mute Group 2 | 7. MMC - <i>Play</i> |
| 3. PAFL Clear | 8. MMC - <i>Stop</i> |
| 4. DAW Control – <i>Bank Up</i> | 9. MMC - <i>Forward</i> |
| 5. DAW Control – <i>Bank Down</i> | 10. MMC – <i>Record</i> |

I/O Patch > USB Audio

- Out 1-24 = CH1-24
- Out 25-26 = ST1
- Out 27-28 = ST2
- Out 29-30 = FX1 Ret
- Out 31-32 = LR Mix

Qu-24 - Per scene:
Channel Input Source

- | | |
|-----------------|---------------------------------------|
| <i>Tracking</i> | CH1-24 = Local. ST1-2 = USB |
| <i>Mix ITB</i> | CH1-16 = Local. CH17-24, ST1-2 = USB* |
| <i>Mix OTB</i> | All channels = USB |

Qu-32 - All scenes:
Control >SOFTKEYS
I/O Patch > USB Audio

follows Qu-24 settings
follows Qu-24 settings

Qu-32 - Per scene:
Channel Input Source

- | | |
|-----------------|--------------------------------|
| <i>Tracking</i> | CH1-28 = Local. CH29-32 = USB* |
| <i>Mix ITB</i> | CH1-24 = Local. CH25-32 = USB* |
| <i>Mix OTB</i> | All channels = USB |

* For **Tracking** and **Mix ITB** all USB Return channels are Linked pairs.

1.6 DAW Template Project Channel Mapping

Channel mapping and routing for DAW Template Projects correlate to the I/O Patch > **USB Audio** patch, but should be changed slightly to enable specific DAW workflows such as **Mix OTB**.

These channel mapping and routing settings can be applied to any DAW package and should enable the same workflow capabilities.

Qu-16 channel routing:

Tracking/Mix ITB

	DAW Track	Track Input	Track Output	Description
Inputs:	Audio Track 1-16	USB Inputs 1-16	DAW Master	Record Inputs 1-16
	Audio Track 17-32	-	DAW Master	Spare
	Qu FX Ret (Audio)	USB Inputs 21-22	-	Record Qu FX return
	Qu LR Mix (Audio)	USB Inputs 23-24	-	Record Qu LR Mix
Outputs:	Aux Send 1	-	USB Outputs 13-14	Send to Mixer FX
	Aux Send 2	-	USB Outputs 15-16	Send to Mixer FX
	Aux Send 3	-	-	Spare
	Aux Send 4	-	-	Spare
	DAW Master	-	USB Outputs 17-18	DAW Master Return
	Click Track	-	USB Outputs 19-20	Click Track Return

Mix OTB

For **Mix OTB** all Audio Track Outputs can be assigned either 1:1 to the USB Outputs for processing and mixing in Qu either individually, or by mixing stems into Stereo or Linked pairs of inputs.

The LR Mix can then be recorded or “printed” back to the DAW for finalising in the required media format.

For further assistance, please contact support@allen-heath.com