Advanced Instructions

Your AMS Music System has two Decks, Deck A and Deck B. These decks provide powerful real-time control of the source media.

The Decks have three states (see the Deck title bar for status).

- Idle state: No track loaded.

- Cue state: Track is loaded into deck and cued ready to play.

- Playing state: The track is playing.

Deck B (In Playing State)

Decks explained

⏏	Ejects current track from the Deck.
🔍	Search for a track to load into the Deck.
☰	Loads the next track from the playlist.
⏹	Stop and re-cue the current track.
▶	Plays the current track from the current position.
◥	Fade current track and start other deck playing.
Deck display area	Displays the current track's time information, Title, Artist, and Copyright information, Left and Right input level from

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	the Deck, BPM values, and Item Attributes.
CUR:	The current track time.
LEN:	The total length of the track.
REM:	The remaining track time.
TRIG:	The amount of time until the trigger point.
Pitch control slider	Enables +/- 100% pitch variance.
Tempo control slider	Enables +/- 100% tempo variance.
Track position indicator	Displays the current position in the track. Click on the Track position indicator to change the current track position.
	Matches BPM to other deck so that the next song will play at the same BPM as the current song.
	Makes the deck the master beat clock. This feature is not yet available.
	Switches between the Pitch and Direction controls.
Direction Control slider	Enables +/- 200% direction control. There are three preset direction buttons (note you need to click to switch between Pitch and Direction controls)
-100% Direction button	Sets the direction to reverse normal speed.
0% Direction button	This position will stop the deck due to 0% equaling no movement.
+100% Direction button	Sets the direction to forward normal speed.
	Adjustment of the pitch or tempo ratio up to 100%. Just click on either to change the % from a range of 4% up to 100%

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Mixer Explained

To display the mixer console, click the on the toolbar at the top until the mixer console is displayed in the centre panel.   You can use the Ctrl + Tab keys to switch between, Mixer, Now Playing, and Scratch options.

The top horizontal slider: This slider is the cross-fader slider. This slider is used to fade between decks.

The left vertical slider: This slider is the Deck A volume level control.

The right vertical slider: This slider is the Deck B volume level control.

Note: It is normally not necessary to use the Deck A and B volume level controls at all, since your AMS Music System elegantly handles the audio level control.

The Air button: This button switches the deck signal to the Air output.

The Cue button: This button switches the deck signal to the Cue output.

To Cue up a track simply click the **'Air'** button, then the **'Cue'** button once. The LED lights for that track will turn green. Repeat this process once done and it will return to 'On-Air' mode. If you forget don't worry your AMS system will put it 'On-Air' for you at the end of the previous track.

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How To Manually Mix Between Tracks.

Please refer to the Keyboard Shortcuts section below in conjunction with this section.

If you wish, you are able to manually mix between songs using the AMS Music System Software Mixer. Below is a very basic example of how you can manually mix.

- Disable the **Auto DJ** feature by clicking on the icon on the toolbar (or pressing Ctrl+D on your keyboard).
- When **Deck A** is playing select the track you wish to mix into on **Deck B**.
- To find the point in the current track you want to mix into; you can use the Frame Seek feature to help you set the exact cue point. Refer to **Deck A or B Keyboard Shortcuts** below for these features.
- Set the cue point using the **Ctrl + F6** keys.

Note: Your AMS Music System has pitch and tempo adjustments. These adjustments can be used to match the timing of the current playing song. You can use the Pitch/Tempo bending feature to help you keep in time (see below in Shortcut menu for how to use this feature).

- At the right time press the **F6** key to begin **Deck B** playing. You may need to alter the Pitch or Tempo or use the Pitch/Tempo bending feature to keep the song in time.
- When you wish to fade to listen solely to **Deck B**, press one of the **X-Fader keys**, e.g. Number 3 on your numeric keypad.

All Songs have BPM values. The calculated BPM of your songs can be used to match the BPM between decks. Pressing the on the non-playing deck will the match the BPM of that song, to the currently playing song in the other deck.

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Keyboard Shortcuts

Below is a comprehensive list of the keyboard shortcuts available in your AMS Music System.

Menu Keys

Key	Action
Alt + F	Provides access to the Program menu
Alt + E	Provides access to the Edit menu
Alt + V	Provides access to the View menu
Alt + C	Provides access to the Control menu
Alt + O	Provides access to the Options menu
Alt + H	Provides access to the Help menu

Auto DJ Keys

Key	Action
Ctrl + D	Toggles Auto DJ on or off
Ctrl + B	Toggles Automated Beat Mixing on or off

Live Input Keys

Key	Action
Ctrl + M	Toggles Live Input on or off

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Deck A Keyboard Shortcuts

Key combinations	F1	F2	F3	F4
	Stop/Jump To Cue Point	Play	Bend Down (Tempo/Pitch)	Bend Up (Tempo/Pitch)
Shift	Fade			
Ctrl	Frame Seek Start	Set Cue Point	Frame Seek Back (1 frame)	Frame Seek Forward (1 frame)
Ctrl+Shift	Eject	Next	Frame Seek Back (10 frames)	Frame Seek Forward (10 frame)
Alt	Pitch Down (0.5%)	Pitch Up (0.5%)	Tempo Down (0.5%)	Tempo Up (0.5%)
Alt+Shift	Pitch Down (0.1%)	Pitch Up (0.1%)	Tempo Down (0.1%)	Tempo Up (0.1%)

Tip: How to read the keyboard shortcut table -- find the function you wish to perform, look to the left and above to find the key combination. For example, find the **Eject** function in the table, look to the left to find the **Ctrl+Shift** keys and look above to find the **F1** key. Therefore if you press **Ctrl+Shift** followed by the **F1 key** Deck A will eject whatever is playing.

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Deck B keyboard shortcuts

Key combinations	F5	F6	F7	F8
	Stop/Jump To Cue Point	Play	Bend Down (Tempo/Pitch)	Bend Up (Tempo/Pitch)
Shift	Fade			
Ctrl	Frame Seek Start	Set Cue Point	Frame Seek Back (1 frame)	Frame Seek Forward (1 frame)
Ctrl+Shift	Eject	Next	Frame Seek Back (10 frames)	Frame Seek Forward (10 frame)
Alt	Pitch Down (0.5%)	Pitch Up (0.5%)	Tempo Down (0.5%)	Tempo Up (0.5%)
Alt+Shift	Pitch Down (0.1%)	Pitch Up (0.1%)	Tempo Down (0.1%)	Tempo Up (0.1%)

Pitch/Tempo bending keys

	Deck A
Key	**Action**
F3	Bend Down (Tempo/Pitch)
F4	Bend Up (Tempo/Pitch)
	Deck B
Key	**Action**
F7	Bend Down (Tempo/Pitch)
F8	Bend Up (Tempo/Pitch)

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X-Fader Numeric keys

Key	Action
7	Instantly fade to Turntable A
8	Instantly fade to centre position
9	Instantly fade to Turntable B
4	Quickly fade to Turntable A
5	Quickly fade to centre position
6	Quickly fade to Turntable B
1	Slowly fade to Turntable A
2	Slowly fade to centre position
3	Slowly fade to Turntable B
0	Steps fader in the left direction
Del	Steps fader in the right direction

Note: The **Num Lock** keyboard option must be enabled for the X-Fader feature.

Video subsystem keys

Key Combinations	Action
Ctrl+Shft+Alt+V	Enable/Disable Video overlay

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