

SYNC Options

Menu Selection	Submenu	What It Does
Page 1		
Sample Clock	<< >>	Selects the sample clock source: Internal [External] Word Clock (BNC) [Blackburst] Video (BNC) When Video is selected, see Page 4 to select the vertical rate
	OK	Confirms clock source selection and returns to the SYNC OPTIONS menu Page 1
Sample Rate	<< >>	Selects sample rate 44.1 or 88.2 kHz 48 or 96 kHz Whether the high or the low sample rate pair is displayed here is determined by the sample rate selected when the current project is created. See the Project menu.
	OK	Confirms sample rate selection and returns to the SYNC OPTIONS menu Page 1
Time Code Source	<< >>	Selects time code source when operating in the Time Code Chase mode MTC (MIDI Time Code) SMPTE (SMPTE Time Code) If Generate SMPTE is ON (Page 3) and SMPTE is selected here, you'll get an error message when selecting Time Code Chase.
	OK	Confirms time code chase source selection and returns to the SYNC OPTIONS menu Page 1
Time Code Rate	<< >>	Selects the time code frame rate: 30 fps 30 fps drop frame 29.97 fps 29.97 fps drop frame 25 fps 24 fps

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	OK	Confirms time code frame rate selection and returns to the SYNC OPTIONS menu Page 1	
Page 2			
MMC Device			
	Ch 1-8	<< >>	Selects MMC Device ID 0-5 for tracks 1-8
	Ch 9-16		Selects MMC Device ID 0-5 for tracks 8-16
	Ch 17-24		Selects MMC Device ID 0-5 for tracks 17-24
		OK	Confirms Device ID selection for that group of tracks and returns to Channel selection
			<p>When using a 24-channel MMC controller such as the Mackie Remote 24, these are all set to the same device ID number, usually 0, matching the MMC Device ID of the controller. When using a controller designed for multiple 8-track recorders, this menu allows setting a separate Device ID for each "machine."</p> <p>To leave this menu, press the SYNC button. There is no OK to return to the SYNC menu.</p>
MMC On	<< >>	Selects whether the recorder sends MIDI Machine Control commands duplicating the transport and track arming controls OFF ON	
	OK	Confirms send MMC selection and returns to the SYNC OPTIONS menu Page 2	
Pre-Roll Time	<< >>	Moves cursor over HH:MM:SS:FF time. Set Pre-roll time using the INC and DEC buttons.	
	Zero	Sets the Pre-Roll time to 00:00:00:00	
	OK	Confirms Pre-Roll time setting and returns to the SYNC OPTIONS menu Page 2 Pre-Roll works in conjunction with the locator. With Pre-Roll ON, when a LOC button is pressed, the transport jumps to a time earlier than the LOC setting by the amount of Pre-Roll time.	

Menu Selection	Submenu	What It Does	
Pre-Roll ON	<< >>	Selects whether Pre-Roll is engaged ON OFF	
	OK	Confirms Pre-Roll on or off and returns to the SYNC OPTIONS menu Page 2	
Page 3			
Bit Depth	<< >>	Selects word length (bits) 16 24	
	OK	Confirms Bit Depth setting and returns to the SYNC OPTIONS menu Page 3	
Generate SMPTE	<< >>	Selects whether SMPTE time code is generated. ON OFF You can set Generate SMPTE ON and set Time Code Source to SMPTE but you can't work this way. The recorder will generate SMPTE time code, but if you attempt to chase Time Code, you'll get a message saying you can't do that. The reason is simple – there's only one jack for both input and output.	
	OK	Confirms Generate SMPTE setting and returns to the SYNC OPTIONS menu Page 3	
Generate MTC	<< >>	Selects whether MIDI Time Code is generated ON OFF Since there are separate MIDI IN and OUT connectors, it's possible to both generate and chase MTC, so there is no operating restriction as with SMPTE time code.	
	OK	Confirms Generate MTC setting and returns to the SYNC OPTIONS menu Page 3	
Time Code Offset Active only when chasing time code. When offset is other	Set	<< >>	Moves the cursor over the HH:MM:SS:FF fields. Set the desired offset using the INC and DEC buttons

Menu Selection	Submenu	What It Does	
than zero, the transport current time is equal to the incoming time code value plus the TC offset value		Zero	Sets time code offset to zero
		OK	Confirms time code offset setting and returns to the Time Code Offset submenu
	Negative	<< >>	OFF – Offset time is positive ON – Offset time is negative
		OK	Returns to TIME CODE OFFSET menu
	Exit	Returns to the SYNC OPTIONS menu Page 3	
Page 4 – Optional. This page appears only if needed			
Video Field Present only when Video is selected as the clock source	<< >>	Selects the video frame rate: B&W (60 Hz) NTSC (59.94 Hz) PAL (50 Hz)	
	OK	Confirms the Video Field setting and returns to the SYNC OPTIONS menu Page 4. Exit the Page 4 menu with the SYNC button	
SR/2 In Present only when the current project is at 88.4 or 96 kHz sample rate.	<< >>	Selects whether the incoming external word clock rate is the same as the project sample rate or half that of the sample rate OFF ON	
		This setting is normally OFF. When ON, The recorder can synchronize to an external source at half the operating sample rate (44.1/48 kHz)	
	OK	Confirms the half clock rate input setting and returns to the Sync Options Page 4 menu	
SR/2 Out Present only when the current project is at 88.4 or 96 kHz sample rate	<< >>	Selects whether the word clock output is the same as the operating clock rate of is divided in half. OFF ON	
		This setting is normally OFF. When ON, the word clock output is half the operating sample rate.	
	OK	Confirms the half clock rate output setting and returns to the Sync Options Page 4 menu	