

USING TIMERS

Event timers allow you to set up the receiver to tune in and/or record a future “event,” that is, a program. You can set an automatic event timer for a program listed with start and stop times in the Program Guide. A manual event timer allows you to set custom start and stop times for a timer.

ABOUT EVENT TIMERS

1. An “event” is a program, sports event, pay per view movie, or anything else available via satellite TV.
2. If you use a VCR event timer, you can record *only* the channel to which the receiver is tuned. This means you *cannot* record one program and watch or record another at the *same* time.
3. Depending on the wiring setup, if you open a menu while recording to a VCR, the menu *may* be recorded. If you change the volume or press the **Mute** button, the volume change *may* be recorded.
4. If a program time changes by more than twenty-four hours, an *automatic* timer will *not* record the program.
5. If you use *only* PVR to *record* a program, you can *play* back another program at the *same* time.
6. To use a *VCR* event timer, you *must* set up the receiver to control the VCR.

EVENT TIMER TYPES

Reminder Reminds you that a program is about to start.

Auto-Tune Reminds you that a program is about to start; tunes the receiver to the program when it begins.

VCR Reminds you that a program is about to start; tunes the receiver to the program when it begins; starts a VCR to record the program.

PVR Reminds you a program is about to start; tunes the receiver to the program when it begins; starts recording the program with the Personal Video Recorder (PVR).

Note: Many TV programs and films are copyrighted. In some cases, copyright law may apply to private, in-home recording.

EVENT TIMER FREQUENCIES

Once Applies to a one-time program. If the program time changes, this timer operates at the new time. The receiver deletes this timer when the timer operates.

Mon.-Fri. Applies to a program that is scheduled for Monday through Friday on the same channel at the same time each day.

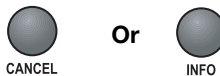
Daily Applies to a program that is scheduled for Monday through Sunday on the same channel at the same time each day.

Weekly Applies to a program that is scheduled for once a week on the same channel at the same time on the same day.

BEFORE AN EVENT TIMER OPERATES

Only during the five minutes right before an event timer operates, the receiver displays a small blinking “clock” symbol on the TV screen. This symbol disappears when the program begins. While the symbol is displayed, you may do either one of the following.

Either: Press the remote control **Cancel** button to clear the symbol from the TV screen. This does *not* affect the timer; it *will* operate.



Or: Press the remote control **Info** button to see more information on the event timer. If you do this, you will have the following choices:

Select the **OK** option to continue with the event timer.



Or: Select the **Stop Timer** option to stop the event timer.



Note: This stops only this instance of a *Mon.-Fri.*, *Daily* or *Weekly* timer. The timer *will* operate the next time it is scheduled. To stop all operations of such a timer, you must delete the timer. For a *Reminder Event Timer*, instead of having the option to stop the timer, you have the option to tune to the program.

SETTING UP AN AUTOMATIC EVENT TIMER



Remote Buttons

Menu Options

1. Select a future program using the **Browse Banner**, **Themes Menu** or the **Program Guide**. This opens the **Create an Event Timer Menu**.
2. Select a **Timer Type** option.
A check mark appears next to the option you select.
3. Select a **Timer Frequency** option. If you do this, a check mark appears in the box.
4. You can select the **Start 1 min. early** check box to start the timer one minute before the scheduled program start time. If you do this, a check mark appears in the box.
5. If you select a **PVR Timer Type** and the **Once Timer Frequency**, you can select the **Protect Recording** check box. **Note:** When you “protect” a recorded program, the receiver will *not* record over that program without asking you *first*.
6. Select the **Create** option to save the event timer.
7. The receiver displays a timer symbol in the **Program Guide** and also when you press the **Information** button to get information about the program.



Note: You can start any timer one minute early. But, if you set back-to-back timers and the second one starts early, the first one will end early. A timer cannot start early for a pay per view program.

SETTING UP A MANUAL EVENT TIMER



Remote Buttons

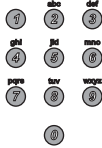
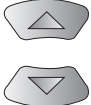
Menu Options

1. Press the **Menu** button.
2. Select the **Timers** option.
3. Select the **Create** option. The receiver displays the **Set Day/Time** for Manual Timer.
4. Select a **Timer Type** option. A check mark appears next to the option you select.
5. Select a **Timer Frequency** option. A check mark appears next to the option you select.
6. Select a channel:

Either: Highlight a channel using the **Up** or **Down** arrow buttons. Then, press the **Select** button.

Or: Enter a channel number using the number buttons.
7. If you select a **PVR Timer Type** and the **Once Timer Frequency**, you can select the **Protect Recording** check box.

MENU



Note: When you “protect” a recorded program, the receiver will *not* record over that program without asking you *first*.

8. Select the **Set Date/Time** option. The receiver displays the **Set Date/Time for Manual Timer** menu.
9. Use the number buttons to enter the **Start Time** (this includes selecting **AM** or **PM**) and the **End Time**, (this includes selecting **AM** or **PM**).
10. Use the number buttons to enter the **Date**.
11. Select the **Create Timer** option.

Set Date/Time

Create Timer

Create

Either: To create another event timer, select the **Create** option again.

Or: If you do not want to create another event timer, press the **Cancel** button.

Note: You cannot set a manual event timer for a pay per view event.

QUICK RECORD

You can quickly create a one-time *VCR Event Timer* or *PVR Event Timer*. Do the following.

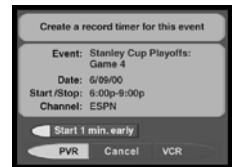
Remote Buttons

Menu Options

1. Highlight a future program in the **Browse Banner**, the **Program Guide** or a **Themes** menu.
2. Press the **Record** button.
3. The receiver displays a menu that allows you to create an event timer.
4. If you want to start the timer one minute early, select the **Start 1 min. early** option.
5. Select the **PVR** or **VCR** option.



RECORD



Start 1 min. early

PVR

or:

VCR

OVERLAPPING EVENT TIMERS

If you try to create event timers for overlapping programs, the receiver displays a menu with the dates and times of both programs. The receiver also displays this menu if a program time has changed, causing one timer to overlap another. You *must* delete or edit one of the timers.

MAXIMUM NUMBER OF EVENT TIMERS

You can create a limited number of event timers. If you try to create more, the receiver displays a menu giving you the option to delete an existing timer. If you do *not* delete an existing timer, you will not be able to create any new ones.

Note: The receiver deletes *Once* event timers when they operate. You *must* delete all other types of event timers yourself.

EDITING AN EVENT TIMER

- You can edit almost any feature of an event timer.
- You can edit both *automatic* and *manual* event timers.
- Editing an *automatic* event timer *converts* the timer to a *manual* event timer that operates at the times you set, *not* the actual program times.
- You can change one kind of event timer to any other kind of event timer and back, within the limits on each kind of timer.

Remote Buttons

Menu Options

1. Press the **Menu** button.

MENU



2. Select the **Timers** option.



3. The receiver displays the **Event Timer Management** menu.



4. Select the event timer that you want to edit. A check mark appears in the box next to the event timer. Select the **Edit** option. This opens the **Edit a Manual Event Timer** menu.



5. You may change the **Timer Type**, **Timer Frequency**, or **Channel**. To do this, select each option that you want.

6. If you want to change the **Start Time**, the **End Time**, or the **Date**, select the **Set Date/Time** option to display the **Set Date/Time for Manual Timer** menu. Otherwise, skip to step 9, below.



7. Use the number buttons to enter the **Start Time** (this includes selecting **AM** or **PM**) and the **End Time** (this includes selecting **AM** or **PM**).

8. Use the number buttons to enter the **Date**.

9. Select the **Create Timer** option.



10. Either: To edit another event timer, highlight that timer and select the **Edit** option again.

Or: If you do not want to edit another event timer, press the **Cancel** button.

DELETING AN EVENT TIMER

Remote
Buttons

Menu Options

1. Press the **Menu** button.

MENU



2. Select the **Timers** option.



The receiver displays the **Event Timer Management** menu.



3. Select an event timer that you want to delete.
A check mark appears in the box next to the event timer.

4. Move to **Delete** and press Select on the remote.



Do this again for any other timer(s) that you want to delete.

REVIEWING EVENT TIMERS

You can review event timers by using the **Event Timer Management** menu.

Remote
Buttons

Menu Options

1. Press the **Menu** button.

MENU



2. Select the **Timers** option.



The receiver displays the **Event Timer Management** menu.

PAY PER VIEW PROGRAMS, LOCKS, BLACKED-OUT PROGRAMS, AND EVENT TIMERS

You *must* enter the receiver password *before* you can create an automatic event timer for a locked program, and you must order a pay per view program *before* you can create such a timer for it. You can create a manual event timer for a locked program *without* entering the password. However, if you do this, or if the program is blacked out in your area, when the event timer operates the receiver may display *only* an error or password entry menu. If you have set a *VCR Event Timer* or a *PVR Event Timer*, the recording will show only the error message or password menu.

You *cannot* create a *manual* event timer for a pay per view program. You *cannot* edit an event timer for a pay per view program.

If you use a *PVR Event Timer* to record a block of several programs, and just one of them is locked, you *must* enter the password to play back *any* of them. For *example*, if you set an event timer to record a block of three programs, and one of them is an adult-oriented movie, you *must* enter the password to watch *any* of the three programs.

POWER OFF AND EVENT TIMERS

If the receiver is OFF at the time an *Auto-Tune*, *VCR Event Timer* or *PVR Event Timer* is scheduled to operate, the receiver will turn ON. Once the event has ended, the receiver will turn OFF, unless you pressed any remote control or receiver front panel buttons during the time that the timer was active.





If the receiver is OFF at the time a *Reminder Event Timer* is scheduled to operate, the timer will turn the receiver ON.

SETTING UP THE RECEIVER AND VCR TO USE A VCR EVENT TIMER

To use VCR Event Timers, you must set up the receiver so it can recognize and control the VCR. First, program the remote to control the VCR. Doing this will determine the correct code.

If the receiver does not control your VCR model, use an *Auto-Tune Event Timer* to tune the receiver to the channel for the program you want to record. Use the timers built into the VCR to start and stop the VCR at the required times.

The receiver uses an IR signal to control the VCR. This signal is much stronger than the signal the remote uses, so it can bounce off walls or other objects on its way to the VCR. This works in most home setups. However, shelves or smoked glass doors between the receiver and the VCR may block the signal. Also, if the signal must cross a very large room, or bounce off curtains, it may not be strong enough to control the VCR. Make sure that nothing blocks the signal, and that the signal can bounce off relatively nearby, light-colored, smooth surfaces.

	Remote Buttons	Menu Options
1. Press the Menu button.		
2. Select the System Setup option.		
3. Select the Installation option.		
4. Select the VCR Setup option.		

User Guide

5. Either: Enter the 3-digit code number, from the tables, using the number pad buttons.

Note: The tables containing the code number you need to program your remote to control a VCR can be found on page 3-12.

Or: Highlight each digit of the VCR code, and then press the Up or Down arrow button until you reach the correct number and then press Select.

Make sure the VCR is turned ON and the switch is set to 3 or 4 (which-ever you use). Insert a rewind tape on which you want to record. The receiver starts the VCR recording, but does not turn ON the VCR, so you must do this yourself.

6. To test the new code, highlight the **Test** option. The receiver displays a message warning you to make sure the VCR is turned ON.
7. Press the Select button to start the test. Your VCR records for a few seconds, stops, and then rewinds. The receiver displays a message saying that your VCR test is complete. Follow the instructions on the message. If your VCR did not do the test, enter another code from the table. Repeat step 6 and this step.

Once you have found the correct VCR code:

Either: Select the **Save** option to save the VCR code you entered and return to the **Installation and Setup** menu,

Or: If you want to return to the **Installation and Setup** menu without saving the VCR code just entered, press the Cancel button.