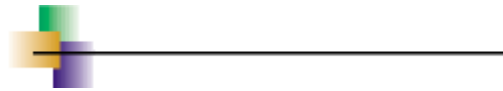


## Stop TAP

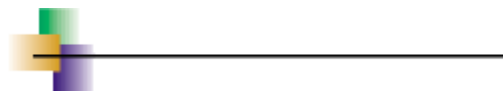


Select this option if you wish to stop the operation of PBK completely.

Once stopped, PBK can be restarted either manually by selecting the program file list button on your remote and scrolling by the use of the |< key to the Program Files listing, highlighting the TAP and selecting OK key.

**i** Tip: PBK may also be restarted automatically (if it is in the Autostart folder) by turning your Topfield off and then back on.

## Suspend TAP

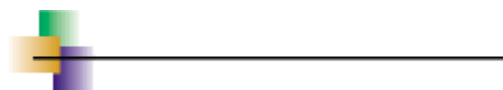


Use this option if you wish to temporarily suspend the TAP from operating. This option may be helpful for example in circumstances when you wish to use a TAP that is known to conflict with PBK or a feature of PBK.

Once suspended, the TAP can be re-enabled by hitting the 'exit' key on your remote. If you have more than one TAP running, you may have to 'cycle' through (by selecting 'next tap' option) to PBK's main menu where the 'ProgressBarKeys resume' option can be selected.

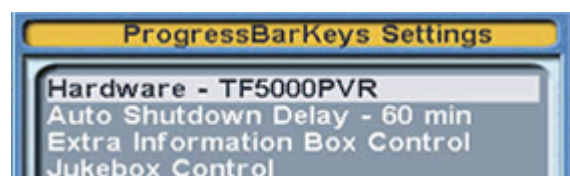
**i** Tip: PBK may also be restarted automatically (if it is in the Autostart folder) by turning your Topfield off and then back on.

## Hardware information



PBK will now detect what hardware it is running on and report the hardware detected in the settings menu. Previous versions of PBK required the user to configure the hardware setting manually by choosing the appropriate model of their Topfield Digital set top box. The choices were:

- TF5000PVRt
- TF5000PVRBP
- TF5000PVRtBP
- TF5000PVRMP



- TF5000PVRtMP
- TF5000PVRtWP
- TF5100PVRc
- TF5100PVRt
- TF5100cMP
- TF5100tMP
- TF5500PVR
- TF5800PVR

Highlight your model and select OK.

---

## Auto Standby Delay



New inclusion in version 9.6.

Some releases of Topfield firmware have been modified by Firebird. With this modified firmware, if the power fails when the Topfield was in standby mode, upon the power being restored the Topfield will automatically switch itself back on. This modified behaviour allows PBK to reset the manual time, although the Topfield is left on. PBK has an Auto Shutdown option which addresses this issue. You can specify the number of minutes from the time the last key is pressed on the remote control before the Topfield will be switched to standby mode.

**Tip: Pressing the V- and V+ keys on the remote will increase or decrease the minutes. Pressing the << or >> keys on the remote will increase or decrease in hours. Hitting the menu key will return will cause PBK to return to the previous menu - a behaviour which is identical when using the Topfield's menus. Hitting the Exit button will exit PBK's menu.**

PBK will not shutdown the Topfield until the specified number of minutes have elapsed and the Topfield is not recording, playing a file and does not have a timer scheduled in the next fifteen minutes. The shutdown delay is disabled by default, however, it is recommended if enabled that the shutdown delay be 60 minutes.

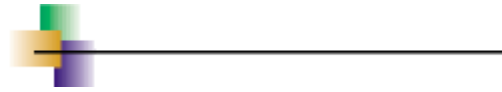
Some examples of the operation of the auto shut down delay:

- The Topfield will auto shutdown when it has reached the time you set in PBK <x minutes/hours>, plus a 10 minute sleep timer schedule. So if you set the shutdown timer for 5 minutes, it will actually be shutdown in 15 minutes, if no of the other exceptions (recording due to start, remote control use etc) exist.
- If the Topfield commences a recording (or playback) within the shutdown period (for example, power failure, restart, timer recording starts within the shutdown period) auto shutdown will place the Topfield into standby at the completion of the recording (or playback) and expiration of the time you have set (auto shutdown setting) in PBK.
- If a key is pressed on the remote control during the auto shutdown period it will reset the countdown time.

See [here](#) for links to this firmware.

---

## PIP Disable

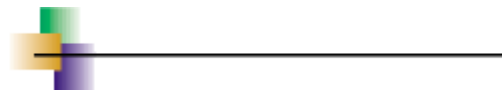


New inclusion in version 9.9.

If you set this option to On then the red key will only work as an [Ad Skip Key](#), the Picture in Picture (PIP) function of the Topfield will be disabled. This provides you with an option to stop PIP from being accidentally triggered when trying to skip ads while watching live TV.

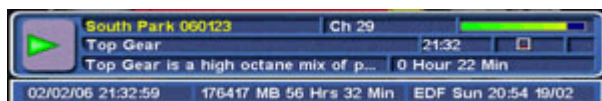
---

## Extra Info Box Menu



### Overview

The Extra Information Box can be set to appear with the Topfield Information Box and/or with the Topfield Progress Bar.



The ProgressBarKeys Extra Info Box can be displayed whenever the Topfield Information box or the Topfield Progress Bar is displayed.

If you set the Topfield Info Box position to -3 line and Extra Info - Bot (bottom) then the ProgressBarKeys Extra Information Box will be displayed under the Topfield Information Box

### Progress Bar Keys Extra Info

Options are on or off. When this menu option is set to ON the extra information box will be displayed whenever the Topfield progress bar is displayed.

### Information Box Extra Info

Options are on or off. When this menu option is set to ON the extra information box will be displayed whenever the Topfield information box is displayed.

### Information Box Extra Info (position)

Set the position of the extra info box. Options are top or bottom of your display screen. When this menu option

is set to Top the extra information box will be displayed on top of the Topfield Information Box. When set to Bottom the extra information box will be displayed at the bottom of the Topfield Information Box.

## Time Format

Options are 12 or 24 hour time. If the time format is set to 12 Hour then the times in the Timers Scheduled Screen and the Extra Information Box will be displayed in 12 hour format, for example, 02:00pm. The am/pm suffixes can be changed in the ProgressBarKeys.ini file.

## Free Space

Reports the free space in GB or MB on your HDD followed by an estimate of the recording time available based on the parameter MbPerMin (default is 56). The actual MB per minute varies depending on the channel and the program. If wish to change the number calculated then edit the ProgressBarKeys.ini file and put in your own estimate. If the calculated recording time available is less than the parameter HddFreeHours (default=4) the box will display with a red background.

## Estimated Disk Full Time and Date (EDF)

The third box reports the estimated date and time your disk will be full based on your current timer setting and available recording time calculated in box 2. If the hours to the EDF calculated is less than the parameter HddTimerHours (default=48) the box will display with a red background.

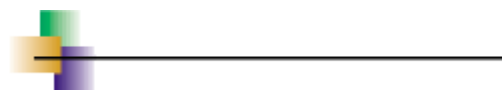
A calculation example:

Current date and time 11/07/04 14:00  
Timer 1 records daily at 18:00 for 60 minutes.  
There is 2.5 hours of disk available for recording.

The EDF will be 13/07/04 18:00 as the calculated available disk space on that day would not be sufficient for the timer duration. There was sufficient disk space for the timer on the 11/07/04 and 12/07/04.

---

# Jukebox Control Menu

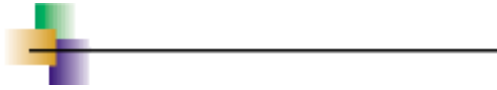


## Options are On/Off.

When set to ON the Topfield information box is permanently displayed during jukebox playback. If set to OFF the Topfield information box is closed after a few seconds.

---

# Key Assignment



### **Alternate Menu Key Assignment.**

You can assign a key that when pressed will make the PBK menu appear. The default is none.

### **Jukebox Start Key Assignment**

You can assign a key that when pressed will make the PBK jukebox start playback in random mode.

### **Pvr Info Key Assignment**

You can assign a key that when pressed will make the PBK menu appear. The default is none.

### **PIP Key Assignment**

The PIP key was chosen to be the three minute forward button because of it's position on the remote and it has no other function when the Topfield progress bar is displayed. Originally ProgressBarKeys only responded to the jump buttons when the Topfield progress bar was displayed hence its name. As a result of the perceived difficulties having to always press the play button to display the progress bar to activate the jump buttons, the TAP automatically displays the progress bar when a jump button is pressed.

The result of this was that either the Red Key would not automatically display the progress bar ( Red Key Auto Off ) or you would lose the PIP function ( Red Key Auto ON ). To address this issue, the following has been implemented:

### **Key Auto OFF.**

Now with PIP Key Assignment you may have both Red Key Auto ON and PIP by assigning one of the following keys as the PIP key. The default key is Red.

### **Timer Settings Menu Key Assignment**

You can assign a key that when pressed will display the Topfield Timer Setting menu.

### **Timer Schedule Key Assignment**

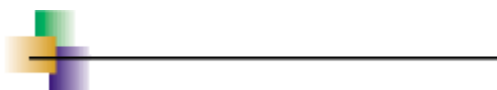
You can assign a key that when pressed will display the ProgressBarKeys Timer Schedule.

### **Jump to Start Key Assignment**

You can assign a key to jump to the start of a file during playback.

---

## **Ad Skip Control**



These keys (which are configurable) are assigned to keys on the Topfield remote to skip advertisements.

## Red Key Auto - On/Off

The Red key functionality requires the progress bar to be displayed. If you want the Red key to work without first displaying the progress bar select "Red Key Auto ON" in the TAP menu.

**i** Note: The PIP function will not be available whilst the TAP is enabled and "Red Key Auto ON".

## Ad Skip Pvr Info

Options are On or Off. If set to OFF the Pvr Info icons (Red and Green circles in top right corner) will not be displayed after and ad skip is performed.

## ProgressBarDelay

New feature in v 9.8.

PBK will automatically close the progress bar if the last key pressed was not the play key. This option now allows users to configure the amount of time that should elapse prior to PBK closing the progress bar. The default is 300 which tells PBK to wait 300 milliseconds or 3 seconds before closing the progress bar. Pressing the VolUp or VolDown keys change the setting by 10 milliseconds, pressing the << or >> key will change the settings by 100 milliseconds. The minimum delay is 200 milliseconds.

**i** Tip: See [here](#) for information regarding changing time values easily in PBK.

## Scan Key

New feature set (includes Scan Delay and Scan Jump) in v9.8.

Here you can define a Scan key. Upon pressing the Scan key, PBK will jump the specified amount (configured below) then play for the specified delay. This process will be repeated until the scan key is pressed once again.

## Scan Delay

Configure how long PBK should play the program between the forward jumps. The amount of time that PBK will jump forward is set in the Scan Jump menu. Put another way, this feature allows you to configure how much of the program should be played before PBK skips forward again.

## Scan Jump

Configure the amount of time PBK will automatically continually jump forward.

## Red Key

**Red Key**

This option allows you to define the action performed when the red key is pressed.

**Blue Key**

This option allows you to define the action performed when the blue key is pressed.

**Yellow Key**

This option allows you to define the action performed when the yellow key is pressed.

**Green Key**

This option allows you to define the action performed when the green key is pressed.

**Prev Key**

This option allows you to define the action performed when the prev key is pressed.

**Next Key**

This option allows you to define the action performed when the next key is pressed.

**Sat Key**

This option allows you to define the action performed when the Sat key is pressed.

**Reset AdSkip Keys**

This option resets the Ad Skip keys to the default settings.

**Recorded Program Playback Keys**

Red Key 03:00 Forward  
 Blue Key 0:10 Backward  
 Yellow Key 0:30 Forward  
 >| Key 0:15 Forward  
 |< Key 0:15 Backward

**Time shifted Program Playback Keys**

Red Key 03:00 Forward  
 Blue Key 0:10 Backward  
 Yellow Key 0:30 Forward  
 >| Key 0:20 Forward  
 |< Key 0:20 Backward

**Playback During Recording Keys**

Red Key 03:00 Forward  
 Blue Key 0:10 Backward  
 Yellow Key 0:30 Forward  
 >| Key 0:20 Forward  
 |< Key 0:20 Backward

**Faster Forward and Rewind**

The |< and >| key macros generate 2 times the VolDown key and 3 times VolUp key per key press respectively. As a result using the |< and >| keys to move through the progress bar is two times faster in rewind and 3 faster moving forward than using the VolDown or VolUp keys.

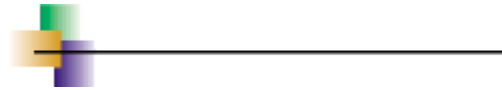
**Typical Ad Skipping Sequence**

Press the red button to jump 3 minutes forward. If you are still in the commercials then press the yellow button to skip forward another 30 seconds or press the >| button to jump forward 15 seconds. Once you have

skipped over the Ad's then press blue button to jump back 10 seconds to the start of your program.

---

## Keyboard Control Menu

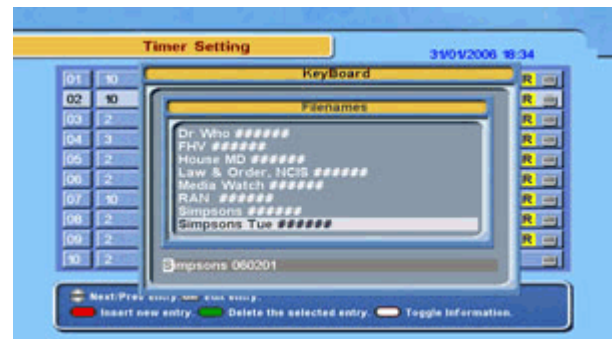


### Overview

The Topfield keyboard enhancements do not work with the April Firmware. You must have Dec 2004 firmware or later. Keyboard Navigation The >> key will change the keyboard set forward to the next set leaving the cursor in the current position. For example if you are on the letter A and want the lowercase letter you would press the >> key. The << key will change the keyboard set backward to the previous set leaving the cursor in the current position. For example, if you are on the letter a and want the uppercase letter you would press the << key.

### Filename Menu

If you press the key defined for the [Topfield Timer Setting Menu](#) default is Teletext while the keyboard is displayed the filename menu will be displayed. The filename menu will default to the first word matching the current letter selected on the keyboard. The filenames are stored in the file FileNames.txt in the same directory as the ProgressBarKeys TAP. You can delete items from the Filename menu by pressing the green button.



### SMS Keyboard Mode

If the keyboard mode is set to SMS then the number keys on the remote will behave in a similar way to the SMS keyboard on your phone. Idea from an email sent by Adam aka "MOOJ".

### Pronto Keyboard Mode (Pronto TS1000)

I have assigned a 3 digit number to all keys on the 3 keyboards. The first digit indicates the keyboard set. The second digit indicates the row and the third digit is the column.

For example, 111 = A, 112 = B, 211 = a and 212 = b.

Keyboard Set 1  
Keyboard Set 2  
Keyboard Set 3

### Auto Case - On

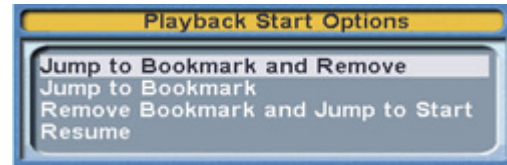
When Auto Case is set to on the keyboard will change to uppercase after a space is entered. The keyboard will then switch to lowercase after the first letter after a space is entered. Idea from an email sent by Adam aka "MOOJ".

# Playback Control



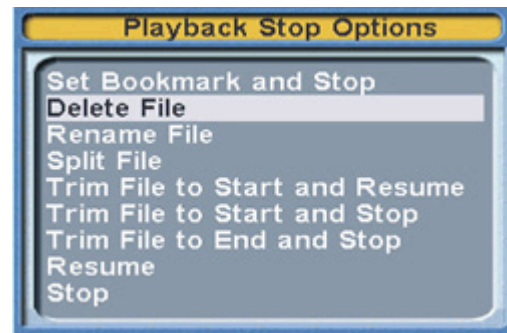
## Playback Start Menu – On/Off

When set to on the Playback Start Menu is enabled.



## Playback Stop Menu – On/Off

When set to On the Playback Stop Menu is enabled.



## Playback Stop Menu Default

This menu allows you to specify the default Playback Stop Menu option when you press the stop key. The options are:

- Set Bookmark and Stop
- Delete File
- Rename File
- Split File
- Trim File to Start and Resume
- Trim File to Start and Stop
- Trim File to End and Stop
- Resume
- Stop

## Playback Jump to Start Mode

If you start playback of a file that is still recording PBK will automatically jump to the start of the program. For example, you have set a timer to record the football and you arrive home during the recording and want to start watching from the beginning without seeing the score. The steps are.


1. Change channels on the Topfield so it is not on the channel the football is on.
2. Turn on TV.
3. Press Filelist button on the remote.
4. Select the file that is still recording.
5. Press Ok and the Topfield will start playback from the beginning.

In the 15 Nov 2005 and 23 Jan 2006 Firmware a bug exists. PBK therefore provides options to address this issue. The options in this menu are **Cmd\_6, Prev or Off**.

With this option being set to either Cmd\_6 or Prev, when a file that is still recording is selected in the filelist menu PBK will automatically jump to the start of the recording.

### Cmd\_6

All the keys on the remote are defined within the Topfield. A TAP can generate a key press and the Topfield will react to it as if the key had been pressed on the remote. There are keys defined in the Topfield which are not available on the remote. One of these keys is referred to as Cmd\_6. When a TAP generates the key Cmd\_6 the Topfield will jump to the start of the current program being played. When PBK detects that you have selected a program from the Topfield filelist menu and pressed Play or OK, PBK checks if the file is still recording, if so then PBK will send Cmd\_6 to the Topfield and playback will begin at the start of the recording.

 If the Nov 05, Jan 06 firmware bug is active when the Topfield receives the Cmd\_6 key the Topfield will crash and the recording will be lost.

### Prev

When PBK detects that you have selected a program from the Topfield filelist menu and pressed Play or OK, PBK checks if the file is still recording, if so then PBK will send the Play key to cause the Topfield to display the progress bar. Once the Progress bar has appeared then PBK will send the |< key to jump to the start of the recording. If the Progress bar does not appear within 4 seconds of sending the Play key then PBK will display the error message "Firmware Bug Detected". Once the error message has been displayed you should find that pressing the play key does not display the progress bar and pressing the PBK jump to start key will cause the Topfield to crash and the recording will be lost.

### Off

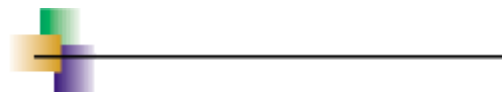
If you are running ImproBox you should set the "Playback Jump to Start Mode - Off" as ImproBox will intercept the play key generated by PBK if the file you are playing has been played before. ImproBox has its own "Jump to Start" feature.

## Manual Record Displays Topfield Record Settings Menu

When you start a manual record the Topfield Record Settings menu is automatically displayed. The Topfield manual record defaults to two hours. The Topfield Record Settings menu allows you to set the recording duration.

---

## Record Warning Menu



### Manual Record Warning - On/Off

When set to ON the tap will warn you when you start a manual recording if you have a scheduled timer set to record in the next 4 hours. ProgressBarKeys will also automatically display the Topfield record settings menu after displaying the manual record warning screen.

### Record Settings Menu - On/Off

When this menu option is set to ON the Topfield Record Settings menu will be displayed when you start a manual record.

### Scheduled Record Warning - On/Off

If scheduled record warning is set to on then a warning message will be displayed before a scheduled timer

Warning Timers Scheduled In Next 5 Minutes							
No	Day	Date	Start	End	Dur	Ch	Filename
15.	Thu	02/02	22:39	23:09	00:30	TEN	House MD 060202

starts.

00.03

## Scheduled Record Warning Minutes - 5

Defines the number of minutes before a scheduled timer is due to start that the warning message will be displayed.

## Scheduled Record Warning Duration - 03:00

Defines how long the warning message will be displayed before automatically closing. The warning message can be manually closed by pressing any key on the remote.

---

# Timeshift Control



## Overview

Leaving the Topfield switched on 24/7 means that it can recover from a power failure.

**Note:** This issue can also be remedied with Firebird's patch firmware. See [here](#) for further details.

A problem with leaving the Topfield on 24/7 is power consumption and heat generated by time shifting. Timeshift control will automatically turn timeshift on for the specified start and end times.

## Timeshift Control - On/Off

Setting to OFF disables the timeshift control.

## Timeshift Start

You can specify the time of day that you want timeshift switched on. Use the Volume Up and Volume Down keys to change the time.

## Timeshift Finish

You can specify the time of day that you want timeshift switched off. Use the Volume Up and Volume Down keys to change the time.

## Timeshift Off Delay

You can specify the number of minutes after that last key press on the remote that timeshift will be switched

off when the timeshift end time is reached. For example if you set the delay to 30 minutes and timeshift end to 23:00 if you press a key on the remote at 22:55 timeshift will not switch off until 23:25.

### **Auto Timeshift - On/Off**

If set to ON then timeshift will be turned on when you press any key on the remote.

### **Timeshift ON Key**

You can specify the key that will turn timeshift on.

### **Timeshift Off Key**

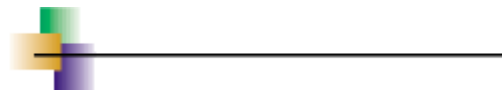
You can specify the key that will turn timeshift off.

### **Timeshift Toggle Key**

You can specify the key that will toggle timeshift on/off.

---

## **Timer Control**



### **Timer Import Delay**

Choose on or off. Selecting 'on' will cause PBK to add a 4 second delay between each individual timer when importing the entries in your timer file. This feature has been added to stop the potential of the Topfield not starting from standby for a scheduled timer on some firmware.

### **Timer Date Stamp - On/Off**

This menu option turns the Timer Date Stamp on or off.

### **Timer Date Stamp - DD/MM/YY or YY/MM/DD**

There are six types of date stamps that you can append to the timer filename.

```
##### Either DD/MM/YY or YY/MM/DD depending on date format setting
##-##-## Either DD-MM-YY or YY-MM-DD depending on date format setting
##### Either DDMMYY or YYMMDD depending on date format setting
###### Either DD/MM or MM/DD depending on date format setting
MMDD
DDD
```

If the filename ends with a space followed by one of the above date stamps then PBK will replace the date stamp with the date the timer is next scheduled to run. For example if you setup a weekday timer with the filename "Simpsons - #####" and it records on the 13/12/2004 and 14/12/2004 the recorded files will be named "Simpsons - 13/12/2004" and "Simpsons - 14/12/2004". The date stamping works by changing the filename in the scheduled timer before the file is recorded. When the timer rolls forward to the next date PBK

compares the date recorded in the timer filename with the date it is next scheduled to run and changes the timer filename if required.

The date stamps have been added to the Topfield Keyboard Enhancements filelist. To append a date stamp to an existing timer, edit the timer via the Topfield Timer Setting menu, once the Topfield keyboard is displayed move the cursor down to the filename and then to the end of the filename. Once the cursor is positioned at the end of the filename press the TimerList key to display the filelist menu and select the required date stamp.

If you are running the Tony's TimerExtend extend option then make sure you leave the \_+ or \_# at the end of the filename. eg. "Simpsons\_+" becomes "Simpsons ##-##-##\_+".

### **Set Timers to Tuner 4 - On/Off**

There is a bug in the December 2004 firmware. Normally timers created using December firmware are set to tuner 4 which indicates to the Topfield to use any available tuner. If you create a timer for a channel that you are currently watching the firmware incorrectly sets the recording tuner to tuner 1. When "Set Timers to Tuner 4" is set to ON all timers will be set to tuner 4.

### **Channel Maximum Words**

This controls the number of words for the channel name that are displayed in the ProgressBarKeys Timers Scheduled screen.

### **Channel Maximum Width**

This controls the width of the channel column that is displayed in the ProgressBarKeys Timers Scheduled screen.

### **Timer Setting Menu Date Format**

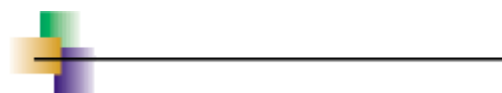
Options are DD/MM/YYYY or DD/MM-DDD (eg 23/02 Thu). This controls the date format in the Topfield Timer Settings Menu when the information is toggled from the standard channel name display to the PBK timer filename display.

### **Timer Setting Menu Time Format**

Options are 12 or 24 hour. This controls the time format in the Topfield Timer Settings Menu when the information is toggled from the standard channel name display to the PBK timer filename display.

---

## **Video Out Control**



### **Video Out Mode 1**

Output Mode

Options are CVBS,RGB,SVHS,YUV

Tv Ratio

Options are 16:9 or 4:3

#### Display Mode

Options are Letterbox or Centre Extract. This field is only available if you set the TV ratio to 4:3

### **Video Out Mode 2**

#### Output Mode

Options are CVBS,RGB,SVHS,YUV

#### Tv Ratio

Options are 16:9 or 4:3

#### Display Mode

Options are Letterbox or Centre Extract. This field is only available if you set the TV ratio to 4:3

### **Video Out Toggle Key Assignment**

This option allows you to configure a key on the remote that will toggle the Topfield video output mode between mode 1 and mode 2.

---

## **Sleep Test**



This menu option will send the sleep key sequence to set the Topfield to sleep in 10 minutes. Its purpose is to test that no other TAP's are intercepting the sleep keys.

---

## **Reset Setup**



This option resets all menu options to their default with the exception of the hardware and time control settings.

---

## **Timer Import**





Use this option if you would like to import all previously [exported](#) timers back into the Topfield.

**i** **Tip:** Use this feature after you update your firmware. You can only import **previously exported** scheduled timers.

---

## Timer Export



This option will write the Topfield timers to the file Timers.xls in tab delimited format to the same directory as the directory in which the TAP is running ( ProgramFiles or ProgramFiles\Auto Start ). Use Altair to transfer the file to your PC. You can the open the file in Excel, Word, Notepad etc.

**i** **Tip:** Use this feature prior to updating your firmware, as you can [import](#) all your scheduled timers after the update procedure is complete.

---

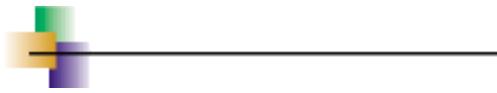
## TV Service Export



This option will write the Topfield TV Services to the file TV\_Services.xls in tab delimited format to the same directory as the directory in which the tap is running.

---

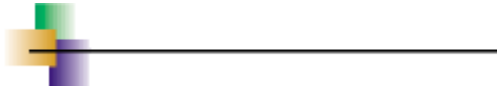
## Radio Service Export



This option will write the Topfield timers to the file Radio\_Services.xls in tab delimited format to the same directory as the directory in which the tap is running.

---

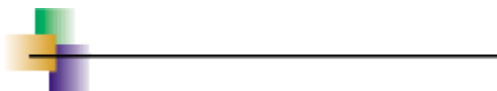
## Display Scheduled Timers



This menu option displays the ProgressBarKeys Timer Schedule screen which lists your scheduled timers in the order they will record. You can [assign](#) a key on the remote to display the Timer Schedule screen.

---

## Random Play MP3



### Jukebox Controls

>| or >> Skip Track  
Stop = Stop Jukebox

### Random Play

This option plays mp3 files in the MP3 directory and its subdirectories at random. The random play has a 10 track playlist history buffer to prevent the same song being played twice.

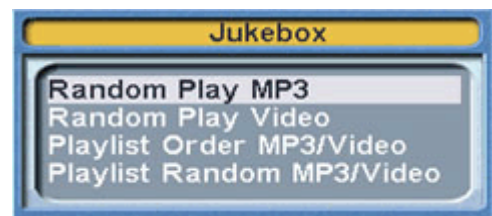
### Random Play Track Selection Logic

Track are selected by going to the MP3 directory and counting the number of folders and files in the directory.

1. The program then generates a random number and goes to the file or folder indicated by the random number. If a folder is found the file program repeats step 1. If a file is found the program proceeds to step 2.

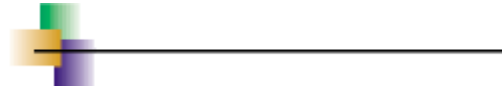
2. The file found is checked against the playlist history buffer. If the file is not in the history buffer or we have been looking for more than 2 seconds it is played otherwise then program moves back to the MP3 directory and goes to step 1.

If you have less than 10 tracks in your MP3 directory the jukebox will take longer to change track as it will time out looking for unplayed tracks.



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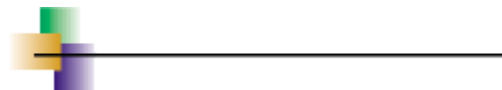
# Random Play Video



The random play video will play video recordings in the Jukebox folder using the same logic as the Random Play MP3 [option](#).

---

# Playlist Order



## PlayList Directory

Playlists are stored in the directory PlayLists which you need to create using Altair. It appears that this is case sensitive so you must name the directory as specified. The PlayLists directory also stores playlist history files which have the extension .hst.

## PlayList Specifications

- Maximum number of tracks is 1000.
- Maximum playlist size is 102400 characters.
- Maximum File name length is 100 ( Set by Topfield API )
- Maximum Folder name length is 100 ( Set by Topfield API )
- Maximum Folder path length is 512 ( i.e. MP3\Artist\Album\ )
- Playlists can contain either MP3 or Video (.rec) files

## PlayList Creation

As suggested method is to have an mp3 database on both your PC and on the Topfield.

On the Topfield the mp3's are stored in the directory /MP3.

On the PC the mp3's can be stored in the directory C:\Music

The Playlist is a text file listing the full path and filename of the mp3 to play. (See sample Playlist01.m3u)  
The extension on the playlist must be .m3u

On the PC, you can use MusicMatch to manage the mp3 database and create playlists. Then you can transfer the playlist to the PPlayLists folder on the Topfield using Altair. Mp3Prefix=c:\music\ has been set in the ProgressBarKeys.ini file so the program knows to change the playlist paths from c:\music\ to MP3.

## PlayList History

The jukebox keeps track of each track played in a Playlist history file for each playlist in the PlayLists directory

and Random.hst for the random mode playlist history. The playlist history records only the track name not the path to the track. The playlist history will store up to 50 tracks for playlist random mode and 10 tracks for random mode.

## Suggested MP3 folder Structure

### MP3\ARTIST\ALBUM\TRACK

Sample Playlist

C:\Music\John Cougar Mellencamp\American Fool\Jack And Diane.mp3

C:\Music\Bryan Adams\Greatest Hits\Summer Of '69.mp3

C:\Music\The Eagles\The Very Best of the Eagles\Life in the Fast Lane.mp3

C:\Music\Bruce Springsteen\Greatest Hits [Columbia]\The River.mp3

C:\Music\The Doors\Greatest Hits [Elektra]\Break on Through.mp3

C:\Music\AC\_DC\Back In Black\Hells Bells.mp3

C:\Music\Cold Chisel\The Best of Cold Chisel\Standing on the Outside.mp3

C:\Music\Metallica\Metallica\Enter Sandman.mp3 Press OK on the Playlist Sequential menu and the TAP will display a menu of playlist files found in the directory PlayLists. Select the list you want to play and press OK to start playing the mp3's in the order they are listed in the playlist.

## PlayList Order

Press OK on the Playlist Sequential menu and the tap will display a menu of playlist files found in the directory /PlayLists. Select the list you want to play and press OK to start playing the mp3's in the order they are listed in the playlist.

---

## Playlist Random

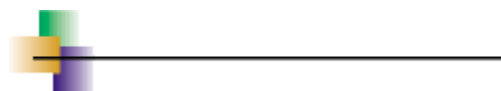


Press OK on the Playlist Random menu and the TAP will display a menu of playlist files found in the directory PlayLists. Select the list you want to play and press OK. The program will ask if you want to reset the play list history. Select 'Yes' to clear the history or 'No' to keep. The program will then start playing the mp3's in the playlist in random order.

Playlist Random mode has a playlist history buffer that records the last 50 tracks played. If you have 100 tracks in your playlist once the 100th track is played the play history buffer is cleared completely.

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## Time Control



Adjustments are made to time orientated features here. These include:



## Manual Time

Options are On/Off. If set to ON, PBK will manage the Topfield manual time.

## Time Zone

Choose your time zone.

## GMT Offset

Non configurable. GMT Offset display.

## DST Start - Date

Non configurable. Displays start date of Daylight Saving Time.

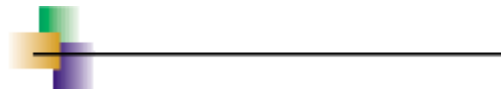
## DST End - Date

Non configurable. Displays end date of Daylight Saving Time.




---

# Set Manual Time



## Set Manual Time

When you select this option ProgressBarKeys samples the current broadcast time immediately and sets the manual time. This process is displayed on your television.

**i** Hint: Set Manual Time function will not adjust the time if the difference between broadcast time and manual time is more than +/- two minutes.

## Why Topfield Auto Time should not be used

In most areas of Australia the TV stations can not be relied on to broadcast the correct time and in some cases the correct date. This is the number one cause of missed or truncated recordings. Even with the stations broadcasting close to the correct time it is apparent that no two stations broadcast the *same* time.

The use of Auto Time you may cause problems as changing channels can cause the time to skip forward or back by minutes causing missed recordings.

## What TimerExtend TAP can fix

TimerExtend is a TAP written by Tony and can only guarantee to fix broadcast errors of +/- 5 minutes if you have allowed more than +/- 5 minutes padding on your timers. This is primarily to handle the time differences between stations ( No two stations broadcast the same time to the second).

### Example

If you had a timer set to record at 19:00:00 and the channel you are watching is broadcasting the time as 18:59:45 and then you change channels and the new channel reports the time as 19:01:00 then Topfield will not record the program as the time is considered as passed. TimerExtend will detect this and repair the timer so it will start recording immediately.

## What TimerExtend TAP can NOT fix

If the station broadcasts the time out by more than +/- 5 minutes you will either miss the start or the end of your program.


If the station broadcasts the wrong date your will miss the program altogether. Both of these broadcast errors have been made by channel NINE several times in the past.

## Problems with using Topfield Manual Time

Setting the time to manual also possesses inherent problems. The first is that the entry of manual time needs to be checked regularly. The second problem is that after a power failure the time needs to be reset.

If there is a power failure the Topfield will lose the time setting in both manual and auto time modes. If the Topfield was on when the power failed it will restart when power is restored. In this circumstance, if you have set time to Auto then the Topfield will reset its clock to the current broadcast time. However if the time is set to Manual the clock will not be reset on the restart.

If there is a power failure the Topfield will lose the time setting in either Manual and Auto time modes. If the Topfield was off when the power failed, the clock will not be reset and therefore any scheduled recordings will not occur.

 Tip: ProgressBarKeys addresses all the issues with Manual Time.

## ProgressBarKeys Manual Time Sync after Power Failure with Topfield ON

When the Topfield restarts after a power failure ProgressBarKeys will detect the time has been reset. If you have set a time synchronisation timer then ProgressBarKeys will switch to the channel specified in the timer. ProgressBarKeys will automatically set the manual time to the current broadcast time after 30 seconds.

PBK will not set the manual time to the broadcast time if the signal strength is below 70%. This is primarily to avoid setting the time when the aerial is disconnected. For example, the Topfield has been moved to a PC in another room for file transfer or firmware upgrade.

## ProgressBarKeys Manual Time Sync after Power Failure with Topfield OFF

When you turn on the Topfield after a power failure ProgressBarKeys will detect the time has been reset. If you have defined a time synchronisation timer then ProgressBarKeys will switch to the channel specified in the timer. ProgressBarKeys will automatically set the manual time to the current broadcast time after 30 seconds.

PBK will not set the manual time to the broadcast time if the signal strength is below 70%. This is primarily to avoid setting the time when the aerial is disconnected for example, when the Topfield has been moved to a PC in another room for file transfer or firmware upgrade.

## ProgressBarKeys Scheduled Time Sync via Topfield Scheduled Timer

If you create a Topfield scheduled timer with record set to off and a duration of 5 minutes ProgressBarKeys will automatically set the time whenever this scheduled timer runs. If the Topfield is in standby mode when the timer is scheduled to start it will wake up and perform the following steps:

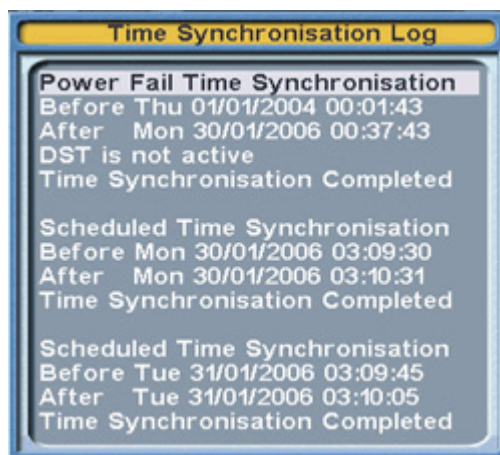
- Change channel to the channel specified in the timer.
- Set sleep to 10 minutes.
- Wait 3 minutes and then set the time.
- The Topfield will turn off after 10 minutes.

**i** Hint: Set Manual Time function will not adjust the time if the difference between broadcast time and manual time is more than +/- two minutes.

The PBK time sync function would fail if you are running a recent version of ImproBox and the Topfield was not on the "Time Sync" channel. The problem is caused by ImproBox intercepting the Menu key when ImproBox is displayed of which earlier versions of ImproBox did not do. When PBK changes channels on the Topfield to the "Time Sync" channel, ImproBox pops up for ten or more seconds. If PBK sends the menu key while ImproBox is on screen, ImproBox would intercept it. PBK will now (version 9.8 onwards) wait for ImproBox to close before starting the process.

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## Time Synchronisation Log



This menu option displays the details of the last 3 time synchronisations.

**New inclusion from v. 9.8.1.**

Signal strength and quality will also be recorded in time synchronisation log.

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## TAP start sequence



This option allows you to view the loading sequence of the TAPs currently on your harddrive.

This may be of consequence as the number of TAPs on the Topfield increases and their loading order becomes important.

**i** **Tip: You can change the order in which the TAPs load by following this process:**

1. Delete all TAPs in the Auto Start directory.
2. Record something for at least 1 minute.
3. Transfer the TAPs back to Auto Start folder in the preferred starting order.

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## Next TAP



This option simply allows you to move to the next TAP. Generally speaking, selecting this will move you to the configuration screen of the next TAP.