

## **ATTACHMENT E-2.**

### **- USER'S MANUAL -**



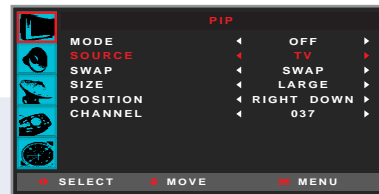
# How to Set Multi-Screen [Input Source/Position/Size]

This is to set the Input Source, Position and Size of the Sub-picture

PICTURE SETUP



Press Up and Down buttons to move to "SOURCE".

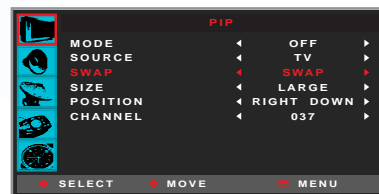


Press Left and Right button, then source changes in order below.  
⇒ DTV ⇒ DVD ⇒ S-VIDEO  
⇒ TV ⇒ F SCART ⇒ H SCART ⇒ PC ⇒ DVI ⇒

*In case of PIP mode, go to step 9 if you need to set the "SWAP" of Main and sub pictures.*



Press Up and Down buttons to move to "SWAP".

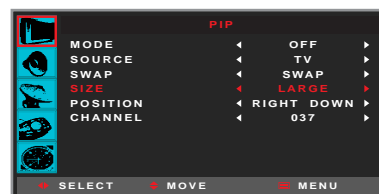


Press Left and Right buttons to set to "ON/OFF".

*In case of PIP mode, go to step 11 if you need to set the "SIZE" of Sub picture.*



Press Up and Down buttons to move to "SIZE".



Press Left and Right buttons to set to "LARGE/SMALL".

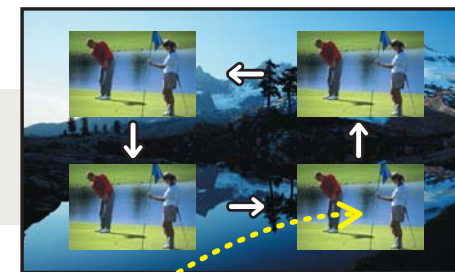
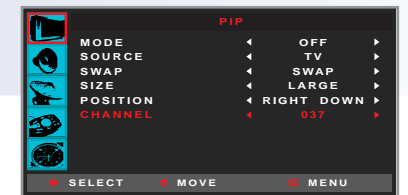
*In case of PIP mode, go to step 13 if you need to set the "POSITION" of Sub picture.*



Press Up and Down buttons to move to "POSITION".



Press Left and Right button, then position changes in order below.  
⇒ Right Down ⇒ Left Down ⇒  
Left Up ⇒ Right Up ⇒



▶ Adjust the location in PIP



▶ Adjust the size in PIP

PICTURE SETUP



**How To Directly PIP FUNCTION :** Press button.

To ON/OFF the PIP function.

**How To Directly PIP MODE & SIZE :** Press button.

To watch PIP/TWIN ways or to adjust the SIZE of Sub picture.  
⇨ LARGE ⇨ SMALL ⇨ TWIN ⇨

**How To Directly Change SUB SOURCE :** Press button.

CURRENT : TV		
TV	NO	CABLE
S-VIDEO	NO	CABLE
VIDEO		
SCART		
DVI		
DTV	NO	CABLE
PC	NO	CABLE
DVI	NO	CABLE

**How To Directly Set The SWAP :** Press button.

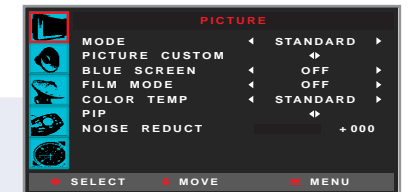
To swap the Main picture and sub picture.

**How To Directly Set The SUB CHANNEL :** Press button.

## How to Set Noise Reduction



Press **Menu** button.  
Menu items appear on the screen.



1

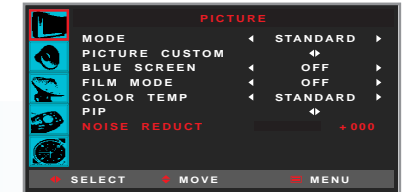


Press **Up and Down** buttons to move to "PICTURE" icon.

2



Press **Left and Right** button to select "PICTURE".



3



Press **Up and Down** button to move to "NOISE REDUCT".

4



Press **Left and Right** button to adjust Screen quality.



Press **MENU** button after the setting is done, and Menu goes to the **previous menu**.  
If the **EXIT** button is pressed, the menu **disappears**.

### TIP

When the main picture is PC, DVI, DVD or DTV input modes, Sub picture support TV, S-VIDEO, VIDEO, and SCART. When the main picture is TV, S-VIDEO, VIDEO or SCART input mode, Sub picture supports all input modes except for main mode.

- Main and sub pictures cannot have the same input source.



## Sound Setup



How to Select Sound Mode .....	39
How to Set the User Sound .....	40
How to Select AVL .....	41
How to Select Surround .....	42
How to Select S.Mode .....	43
How to Set the Output of Subwoofer .....	45




## How to Select Sound Mode

Users can adjust sound mode automatically as users want.

**MENU** button icon

**Press Menu button.**  
Menu items appear on the screen.




**1** **P-CH** ↑ ↓ buttons icon

**Press Up and Down buttons to move to "SOUND" icon.**

**2** ← → buttons icon

**Press Left and Right button to select "MODE".**



**3** ← → buttons icon

**Press Left and Right button, then the menu changes in order below.**  
⇒ STANDARD ⇒ MUSIC ⇒ MOVIE  
⇒ NEWS ⇒ USER ⇒

**EXIT** button icon

**Press MENU button** after the setting is done, and Menu goes to the **previous menu**.  
If the **EXIT** button is pressed, the menu **disappears**.

**STANDARD** : For the general sound. This fits most audio contents.

**MUSIC** : For enjoying original sound.

**MOVIE** : For grandiose sound.

**NEWS** : For the clear sound.

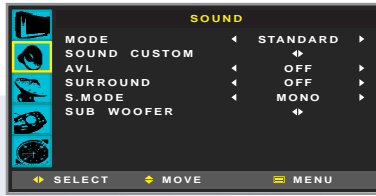
**USER** : When the user wants to set the value → [see the next page](#)

## How to Set the User Sound

Users can manually adjust the sound in their own ways.

**MENU** button icon

**Press Menu button.**  
Menu items appear on the screen.




**1** **P-CH** ↑ ↓ buttons icon

**Press Up and Down buttons to move to "SOUND" icon.**

**2** ← → buttons icon

**Press Left and Right button to select "SOUND".**

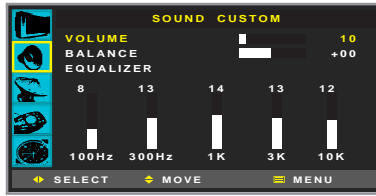


**3** **P-CH** ↑ ↓ buttons icon

**Press Up and Down button to move to "SOUND CUSTOM".**

**4** ← → buttons icon

**Press Left and Right button to select "SOUND CUSTOM".**  
Sound Custom menu appears.



**5** **P-CH** ↑ ↓ buttons icon

**Choose item, then Press Left and Right button to adjust.**

**EXIT** button icon

**Press MENU button** after the setting is done, and Menu goes to the **previous menu**.  
If the **EXIT** button is pressed, the menu **disappears**.

**VOLUME** : Adjust the volume.

**BALANCE** : Adjusts the balance of left and right speakers.

SOUND SETUP


SOUND SETUP


How To Directly Select Picture Mode : Press **SOUND** button.


Users can select STANDARD ⇒ MUSIC ⇒ MOVIE ⇒ NEWS ⇒ USER in order.





## How to Select AVL


**1**  Press **Menu** button.  
Menu items appear on the screen.



**2**  Press **Up and Down** buttons to move to "SOUND" icon.

**3**  Press **Left and Right** button to select "SOUND".


**4**  Press **Up and Down** button to move to "AVL".


**5**  Press **Left and Right** button to "ON/OFF".


**EXIT**  Press **MENU** button after the setting is done, and Menu goes to the **previous menu**.  
If the **EXIT** button is pressed, the menu **disappears**.






## How to Select Surround


**1**  Press **Menu** button.  
Menu items appear on the screen.



**2**  Press **Up and Down** buttons to move to "SOUND" icon.

**3**  Press **Left and Right** button to select "SOUND".

**4**  Press **Up and Down** button to move to "SURROUND".

**5**  Press **Left and Right** button to "ON/OFF".

**EXIT**  Press **MENU** button after the setting is done, and Menu goes to the **previous menu**.  
If the **EXIT** button is pressed, the menu **disappears**.



# How to Select S. Mode

Users can adjust S. Mode as users want.

**MENU**  
Press Menu button. Menu items appear on the screen.

**1** Press Up and Down buttons to move to "SOUND" icon.

**2** Press Left and Right button to select "SOUND".

**3** Press Up and Down button to move to "S. MODE".

**4** Press Left and Right button, then Mode changes according to next page Table Chart. [see the next page](#)

**EXIT**  
Press MENU button after the setting is done, and Menu goes to the previous menu. If the EXIT button is pressed, the menu disappears.

This S. Mode display/Controls the Processing and output of audio signal. When power is switched on, the mode is automatically preset to either "Daul-I or Stereo", depending on the current transmission.

	TYPE OF BROADCAST	ON-SCREEN INDICATION
NICAM Stereo	Regular Broadcast (Standard audio)	Mono (Normal use)
	Regular+ NICAM Mono	(Mono) NICAM ↔ Mono (Normal)
	NICAM Stereo	Stereo (NICAM) ↔ Mono (Normal)
	NICAM Daul-I/II	Dual-I (NICAM) → Dual-II (NICAM) → Mono (Normal)
A2 Stereo	Regular broadcast (Standard audio)	Mono (Normal use)
	Bilingual or Daul-I/II	Dual-I ↔ Dual-II
	Stereo	A2 Stereo ↔ Mono (Forced)

How To Directly Select S. MODE : Press button.

**TIP**

- If the receiving conditions deteriorate, Listening will be easier if the mode is set to the Mono.
- If the stereo signal is weak and automatic switching occurs, then switch to the mono.



## How to Set the Output of Subwoofer



Press **Menu** button.  
Menu items appear on the screen.



1



Press **Up** and **Down** buttons to move to “**SOUND**” icon.

2



Press **Left** and **Right** button to select “**SOUND**”.



3



Press **Up** and **Down** button to move to “**SUB WOOFER**”.

4



Press **Left** and **Right** button to select “**SUB WOOFER**”.  
Sub Woofer menu appears.



5



Choose item, then Press **Left** and **Right** button to adjust.



Press **MENU** button after the setting is done, and Menu goes to the **previous menu**.  
If the **EXIT** button is pressed, the menu **disappears**.



## Channel Setup



Storing channel Automatically .....	47
Storing channel Manually .....	48
Assigning Names to Channel .....	50
Skipping Unwanted Channels .....	51
Sorting the Stored Channels .....	52
Activating the Child Lock .....	53
Fine Tuning Channel Reception .....	54
Using the LNA(Low-Noise-Amplifier) Feature .....	55
Teletext Feature .....	56
Displaying the Teletext Information .....	57
Selecting Display Options .....	58



## Storing channel Automatically

You can scan channels available to you and availability depends on your country. Automatically allocated programme numbers may not correspond to actual or desired programme numbers. However you sort number manually and clear any channels you do not wish to watch.

**MENU**  
Press Menu button.  
Menu items appear on the screen.

**1** Press Up and Down buttons to move to "CHANNEL" icon.

**2** Press Left and Right button to select "CHANNEL".  
AUTO STORE가 선택됩니다.

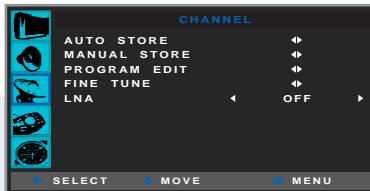
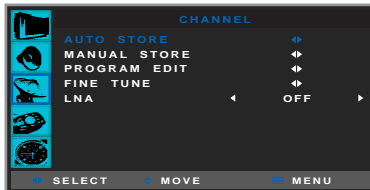
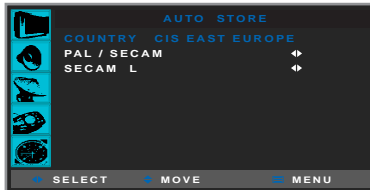

**3** Press Left and Right button to select "AUTO STORE".  
Auto Store menu appears.

**4** Press Left and Right button to select your country.

**5** Press Up and Down buttons to move to "PAL/SECAM or SECAM L".

**6** Press Left and Right button to select "PAL/SECAM or SECAM L", then storing channel.

**EXIT**  
Press **MENU** button after the setting is done, and Menu goes to the **previous menu**.  
If the **EXIT** button is pressed, the menu **disappears**.

## Storing channel Manually

You can store the TV channels, including those received via cable networks when storing channels manually.

**MENU**  
Press Menu button.  
Menu items appear on the screen.

**1** Press Up and Down buttons to move to "CHANNEL" icon.

**2** Press Left and Right button to select "CHANNEL".

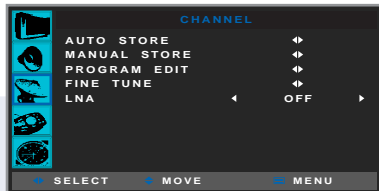
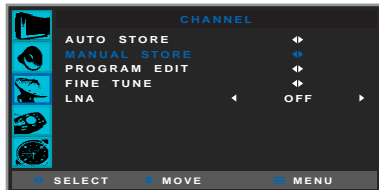
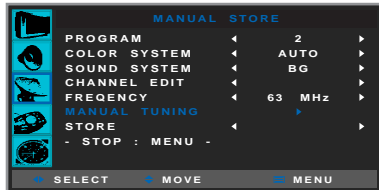
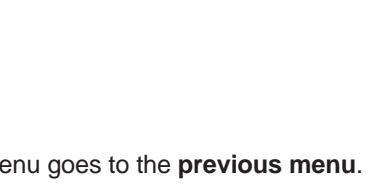
**3** Press Up and Down buttons to move to "MANUAL STORE".

**4** Press Left and Right button to select "MANUAL STORE".  
Manual Store menu appears.

**5** Press Up and Down buttons to move to item.

**6** Choose item, then Press Left and Right button to adjust.

**EXIT**  
Press **MENU** button after the setting is done, and Menu goes to the **previous menu**.  
If the **EXIT** button is pressed, the menu **disappears**.

CHANNEL SETUP

CHANNEL SETUP



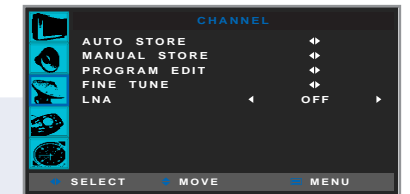
## Assigning Names to Channel

Channel names will be assigned automatically when channel information is broadcast. These name can be changed, allowing you assign new names.



**Press Menu button.**

Menu items appear on the screen.



1

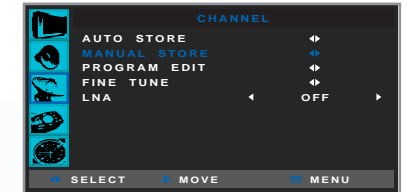


**Press Up and Down buttons to move to "CHANNEL" icon.**

2



**Press Left and Right button to select "CHANNEL".**



3



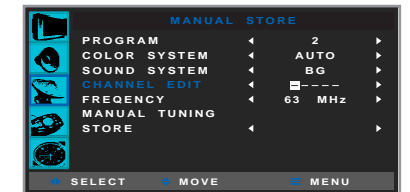
**Press Up and Down buttons to move to "MANUAL STORE".**

4



**Press Left and Right button to select "MANUAL STORE".**

Manual Store menu appears.



5



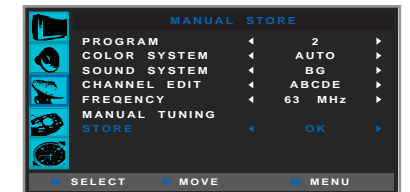
**Press Up and Down buttons to move to "CHANNEL EDIT".**

6



**Press Left and Right button to select, then cursor appears and edit available.**

Select a letter(A~Z), a number(0~9) or Blink if you need to erase, press ◀ button is same as back space.



7



8



**Press Left and Right button to select "OK".**



Press **MENU** button after the setting is done, and Menu goes to the **previous menu**. If the **EXIT** button is pressed, the menu **disappears**.



## Skipping Unwanted Channels

You can exclude the channels of your choice from the channel scan operation. when you scan through the stored channels, those that you have chosen to skip are thus not displayed. All channels that you do not specifically choose to skip are displayed during scanning.

**1** Press Menu button. Menu items appear on the screen.

**2** Press Up and Down buttons to move to "CHANNEL" icon.

**3** Press Up and Down buttons to move to "PROGRAM EDIT".

**4** Press Left and Right button to select "PROGRAM EDIT". Channel Edit menu appears.

**5** Press Left and Right button to select "ADD/DELETE". ADD/DELETE menu appears.

**6** \*Channel number is current channel. Press Left and Right button to select Channel Number.

**7** Press Up and Down buttons to move to "ADD/DELETE".

**8** Press Left and Right button, then select ADD or ERASE.

**9** Press the menu button and then go to step 9 if you need to Sorting the Stored Channels.






## Sorting the Stored Channels

This operation allows you to change the program number of stored channels. This operation may be necessary after using auto store.

**9** Press Up and Down buttons to move to "SORT".

**10** Press Left and Right button to select "SORT".

**11** Press Up and Down buttons to move to "FROM".

**12** Press Left and Right button to select the channel that you wish to move.

**13** Press Up and Down buttons to move to "TO".

**14** Press Left and Right button to select the Number of the program to which the channel is to be moved.

**15** Press Up and Down buttons to move to "SORT".

**16** Press Left and Right button, then select OK.

**17** Press the menu button and then go to step 18 if you need to activating the Child Lock.







CHANNEL SETUP

CHANNEL SETUP




## Activating the Child Lock

This feature allows you to lock the television so that it cannot be controlled by manual keys. It can however still be controlled by the Remote Control. Thus by keeping the Remote Control away from unauthorised users such as children, you can prevent them from unsuitable programme.

**18** Press Up and Down buttons to move to "CHILD LOCK".




**19** Press Left and Right button to select "CHILD LOCK". Child Lock menu appears.



**20** Press Up and Down buttons to move to "CHANNEL".




**21** Press Left and Right button to select the required Channel.



**22** Press Up and Down buttons to move to "LOCKING".



**23** Press Left and Right button to set to "LOCK/UNLOCK".

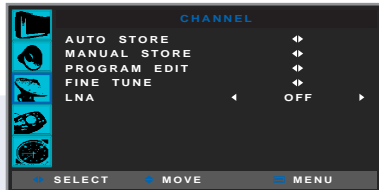


Press **MENU** button after the setting is done, and Menu goes to the **previous menu**. If the **EXIT** button is pressed, the menu **disappears**.

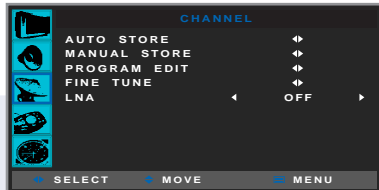
## Fine Tuning Channel Reception

If the reception is clear, you do not have to fine tune the channel, as this done automatically during the search and store operation. If the signal is weak or distorted, you may have to fine tune the channel manually.

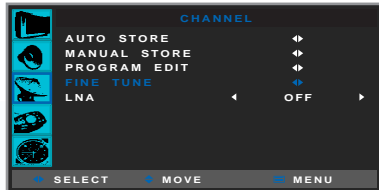
Press **Menu** button. Menu items appear on the screen.



**1** Press Up and Down buttons to move to "CHANNEL" icon.




**2** Press Left and Right button to select "CHANNEL".




**3** Press Up and Down buttons to move to "FINE TUNE".



**4** Press Left and Right button to select "FINE TUNE". New Menu items appears.



**5** Press Left and Right button to adjust Scen. \*Channel number is current channel.




Press **MENU** button after the setting is done, and Menu goes to the **previous menu**. If the **EXIT** button is pressed, the menu **disappears**.

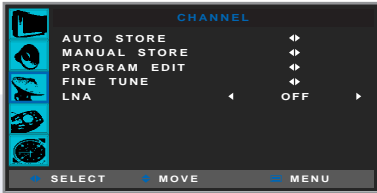




## Using the LNA(Low-Noise-Amplifier) Feature

If the reception is clear, you don't have to use this feature.  
If the signal is weak or distorted, try the follows.



- 


**Press Menu button.**  
Menu items appear on the screen.



- 

**Press Up and Down buttons to move to "CHANNEL" icon.**
- 

**Press Left and Right button to select "CHANNEL".**


- 

**Press Up and Down buttons to move to "LNA".**
- 

**Press Left and Right button to ON/OFF.**
- 

**Press MENU button after the setting is done, and Menu goes to the previous menu.**  
If the EXIT button is pressed, the menu disappears.

## Teletext Feature

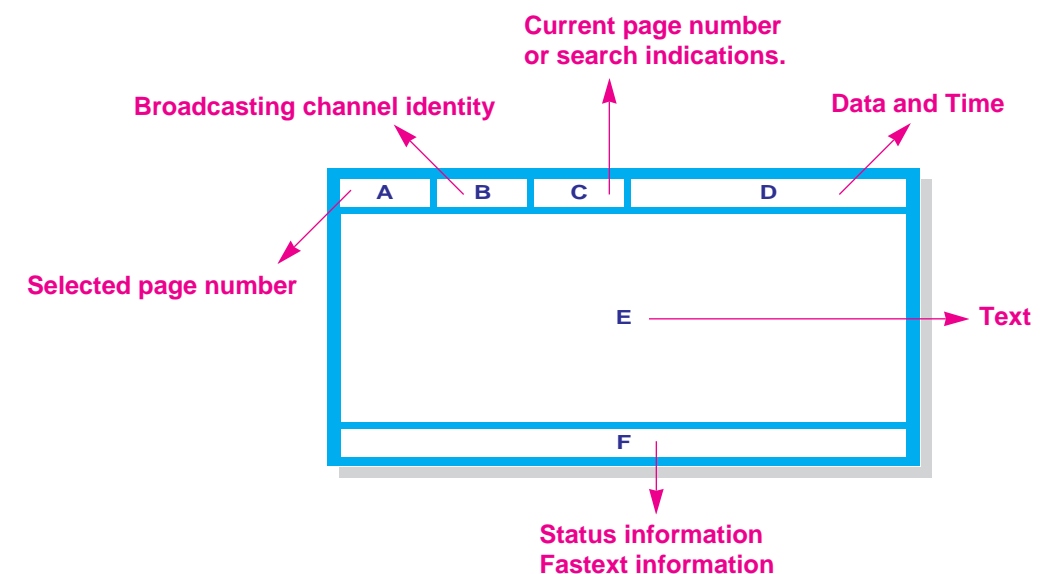
Most TV channels provide written information services via teletext.  
Information provided includes with the next entry it is same :

- TV programme times
- News bulletins and weather forecasts
- Sports results
- Travel information

Teletext information is often divided between several pages displayed in sequence, which can be accessed by :

- Entering the number
- Selecting a title in a list
- Selecting a coloured heading (FASTTEXT SYSTEM)
- Travel information

## Teletext OSD(On-Screen-Display) Picture

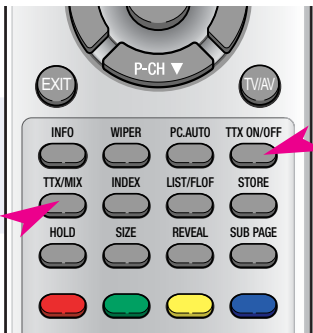




## Displaying the Teletext Information

You can display Teletext information at any time on your TV.  
 For Teletext information to be display correctly channel reception to be stable otherwise  
 - Information maybe missing or some pages may not be displayed.

- 1** **Press TTX ON/OFF button to activate the TTX mode.**  
 (The contents page is displayed.)
- 2** **If you wish to disply the actual broadcast at the same time as the teletext page, Press TTX/MIX button Toggle.**
- 3** **Press TTX ON/OFF button again to exit from the teletext display.**



DISPLAY(ACTION)		BUTTON	
• FLOF	→ INDEX (Full Level One Facilities)		INDEX
• TOP	→ INFO. (Table of Page)		INDEX
• To Srore Page			STORE
• Return to List or FLOF mode			LIST/FLOF

## Selecting Display Options

When you have displayed a teletext page, you can various option to suit you require ments.

DISPLAY(ACTION)	BUTTON	
• Hidden Text (Answers to Quiz Games, for Example)		REVEAL
• The Normal Screen		REVEAL Again
• A Second Page		SUB PAGE
• Normal screen		SUB PAGE Again
• Duble-Size Letters in the : - Upper half of the screen - Lower half of the screen		SIZE - Once - Twice
• Normal Screen :		- Three Times
Stops the automatic page change which will occur if teletext page consist of 2 or more sub pages. The stop symbol is displayed at the top left-hand corner of the screen.		HOLD
To Continue ...		HOLD Again

