LISTBOX USER MANUAL

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ListBox *User's Manual*

Contents

Preface

Dear **PlayBox** customer,

Thank you for purchasing our product! We would like to assure you that you have chosen the most cost-effective and versatile TV automation system on the market. As always, we are trying to stay close to our customers' needs, making sure they all receive adequate support and satisfaction. Your opinion about our product is an exceptionally valuable source of information for us. The ease of working with the **PlayBox** products results mainly from the suggestions and comments of our current respected customers.

This manual is structured into several sequential chapters, each aiming to ease the installation, fine tuning, and use of our products. We hope that you will enjoy working with it, and we are anxiously looking forward to receiving your feedback.

Please, send your questions, suggestions, and assistance requests to:

support@playboxtechnology.com

General feedback:

info@playboxtechnology.com

Style Conventions

- File names, software, documents or terms are written in *italics*
  - The data is written in the *settings.ini* file.
  - The file is located in *C:\Program Files\PlayBox Technology UK Ltd***\AirBox**
  - For further information read *Shortcuts* reference book.
  - The *VTR* is controlled via *RS-422*.
- Direct quotations from the computer screen are presented as follows:
  - **Menu Items and commands**
  - ***Tab/Page names***
  - **Column names (i.e. in a playlist or another grid)**
  - *Field names, check boxes*
  - ***Buttons***
  - Screen readings are written in [square brackets]
  - **The keyboard keys are enclosed in <> signs**
  - *Terms are defined in the Glossary at the end of the manual*
- The arrows, used in the setting procedures mean as follows:
  - ➔ A menu item follows;
  - ⇨ A page(tab) name follows;
  - → A field name, a check box name, or a value name follows.

Except for arrows, you can distinguish between the relevant menu categories also by the styles, listed above.

GETTING STARTED

ListBox is dedicated to creating and editing **playlists**. It allows preparing playlists in advance for the **AirBox** module and playing them on-air   later.

ListBox does not need any special workstation or platform.

Quick Start

- Launch **ListBox** ;
- Right-click on the grid;
- Select **Add ➔ Media file;**
- Browse for the files you want to insert in the playlist and click on the **Open** button.
- Go to **File** menu ➔ **Save playlist as** and browse for the location to save your playlist to.
- Type some name for the playlist and press **Save**.

Congratulations! You have just created your first **PlayBox** playlist!

ListBox *User's Manual*

USER INTERFACE

The interface of **ListBox** is identical with the **AirBox** interface. It is designed like that for user's convenience. There are some differences, which are described in this section.
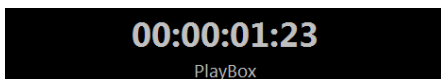
PLAYLIST CONTROL BUTTONS

These buttons provide access to the most commonly used playlist functions. All commands from the Toolbar can also be found in the Menu Bar.

Some particular buttons on the Toolbar will appear enabled or disabled, depending on the selection made.

The toolbar contains the following command buttons, shown in that order: *New* , *Open* , *Save* , *Save as* , *Save as daily* , *Append* , *Insert Element* , *Delete Selection* , *Clear Playlist* , *Move up* , *Move Down* , *Reset playlist* , *Randomize* , *Properties* , *Trim* ,and *Undo* . Their functions are described below in the relevant menu sections.

PLAYBACK CONTROL AND COUNTERS

The **Master Counter** shows the elapsed time of the current playout session. Pressing the ***Stop*** button resets the counter.

00:00:01:23
PlayBox

The **Clip counter** is situated under the master counter. It can operate in two modes: count-up and count-down mode. Just double-click on it to switch between them!

00:00:01:23 ▲
Clip timer
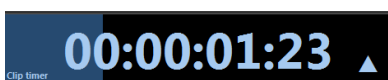
The playback control buttons are situated under the Clip counter:

- *Play* – starts the playback.

- *Stop* – terminates the playback.

- *Pause/Resume* – temporary interruption and resuming of the playback. The playback resumes from the same point on.

- *Next* – will stop the currently playing clip immediately and will switch to the next clip in playlist. This happens by a smooth cut without any sound or visual artifacts.

- *Return* is active only after a **Jump** has been executed. Use this button to return to the position before the last **Jump**.

- *Jump* – terminates the currently playing clip immediately and starts playing the selected one, regardless of its position in the grid.

- *Cue* – This button will interrupt the playback, and will pause at the first frame of the selected clip. You can also activate it by holding down the **<Ctrl>** key and pressing the *Jump* button at the same time. Use this to prepare a clip for playback, while showing its first frame on the output. Since this is a machine-and-decoder-dependent function, you might have to increase the *Cue Delay* time in the **Settings** dialog box **(Settings ➔ General** ⇨ *General* ➔ *Cue delay*).

- *Fix overlapping* – press it to fix the overlapping issues in the playlist. The fixed time flags will be removed and the duration of the overlapping files will be truncated.

- *Fixed playlist start mode* **–** press it to see the start time of the clips in the playlist in relation to the start time of the playlist, which is defined in the **Current playlist** tab. Press the button again to see the start times of the clips in the playlist in relation the current system time.

PLAYLIST GRID

This area is dedicated to playlist visualization. It looks the same as the *AirBox* *Playlist Grid*, but the grid headers are colored, so you can easily distinguish between *AirBox* and *ListBox*. The order of grid columns can be changed by drag-n-dropping them to the left or to the right.

You can control the columns to appear and their order in the grid from **Settings** menu ➔ **General** ➔ *Grid*.

Grid Features:

- The *Color Coding* in the grid provides additional information for the users:

   Dark Blue bar shows the currently selected clip –all actions, i.e., Move Up/Down are applied to it.

   Red text rows contain events. You can insert the same events as in *AirBox* .

   Red-colored rows represent clips, which cannot be found at the specified file location. A red minus appears in front of the clip position number.

- Drag-n-Drop – It allows dragging playlist items within the grid or from one grid to another (from *DataBox* or from/to *AirBox)*. If

you hold down the **<Ctrl>** key while dragging, the executed operation is **Copy.** If you just drag-n-drop, the operation is **Move**.

- *Multi-selection* – allows simultaus manipulation of many clips– move, randomize, etc. Clips can be added to the selection by holding the **<Shift>** or **<Ctrl>** key. The **<Shift>** key selects from-to, while the **<Ctrl>** adds a single clip to the selection.

- *Double-clicking over a clip* invokes the **Clip Trimmer**. A detailed description of the **Clip Trimmer** can be found further in the manual in its corresponding chapter. Double-clicking over a missing clip invokes its properties dialog. If you want to view the properties of an existing clip, right-click in its row and select **Clip properties…** from the context menu.

- *Right-clicking* in the grid opens a context menu. It contains commands from the **Edit menu** and the **Playlist menu** that are described further in the manual.

> ▪ *Columns description:*

- **Start Time** – shows the start time of each clip.

- **Duration** – shows the actual duration of each clip. If a clip has been trimmed, its new actual duration is displayed in this column.

- **Type** – shows the type of the clip (*MPEG, or AVI DV*).

- **Category** – contains category information, fed by **DataBox**. The background is colored with the predefined category color.

- **File Name** – contains information about the file-paths and names. If you need to change the path of a certain file in *List Box*, just press **<F8>** to open the Browse dialog.

If a file is missing after the playlist is loaded in *AirBox* , its line will be skipped and the playout will continue with the next available clip.

- **Title**, **ClipID**, **Star** – contain data, fed by **DataBox**, describing the clip name, clip ID, and the performing artists. You can edit these fields manually in *ListBox* , in the clip properties dialog.

- **Notes** – displays trimming notification and data from the fields, defined in **DataBox ➔ Options ⇨ General ➔** *Fields to AirBox notes*. You can edit these notes in the clip properties dialog in *ListBox* .

(!) TIP: You can choose the columns to be shown in the grid. Go to **Settings** menu ➔ **General** ➔ **Grid** and check the ones you would like to see. If you would like to change the columns' order, rearrange them in this dialog, or simply drag their headers, while working in the playlist.

STATUS BAR

| Total duration: 00:03:21:14 | End at: 02:13:00:09 | Selection: 00:00:07:17 | Multi Parallel Output (MPO) | |
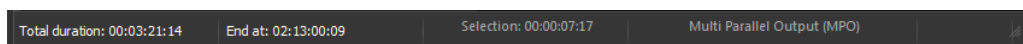
The Status bar is located in the lowest part of the *ListBox* window.

Its first cell – *Total Length* – shows the playlist duration. If it is longer than 24 hours, the number of days will be displayed in brackets in front. The figure in parenthesis in the end shows the number of rows in the list. The Second field – *End at/Loop at* –shows when the playlist will end. If the playlist is longer than 24 hours, the number of days will be displayed in brackets in front. The third cell – *Selection Length* – represents the duration of the currently highlighted lines in the grid. The fourth cell displays the currently active plug-in.

NOTE: *ListBox Neo* is always running on the Software Mixed plug-in. As this plug-in supports virtually all file formats, please go to **Settings** menu ➔ **Modules ➔ Output,** and select the plug-in you are planning to use in *AirBox Neo*. This will allow for correct file verification in *ListBox Neo*.

MENU BAR

The *Menu Bar* is situated in the upper left end of the window and contains the same menus as **AirBox** . However, some of the options are disabled, as they are not relevant in playlist preparation. The following paragraphs contain description of the differences that appear in **ListBox** . Please, check   the **AirBox** File menu section above for detailed information about the common settings.

FILE MENU

Export Capture list

If there are missing files in the playlist, you can create a list for **CaptureBox** to ingest them. Select **Export capture list** from the **File** menu and browse for the location to save the playlist to. The resulting capture lists (*.*cap*) will be named after the currently loaded playlist.

Export Logs to XLS

This File menu item appears in **AirBox** , but it is not visible in **ListBox** .

Reload Graphic Rules

This File menu item appears in **AirBox** , but it is not visible in **ListBox** .

EDIT MENU

This menu contains commands, related to playlist editing. As it is identical to the **AirBox** Edit menu, please, check the relevant section above for details.

VIEW MENU

This menu is identical to the **AirBox** View menu. The only difference is that in **ListBox** you cannot view external preview window, while in **AirBox** you can.

SETTINGS MENU

As the **Settings** menu contains many playback-related options, here you will find most of the differences between the two modules.

General

In the *General* tab of this options dialog, there are several fields that are not accessible in **ListBox** :

   ❏ *Restart playback after* – this setting is always enabled.

   ☐ *Enable remote IP control* – This functionality is related to remote control of the playback. As **ListBox** is intended for playlist preparation, it is not needed here.

TC transmission options – as they are related to on-air subtitling, they are not needed in **ListBox** .

All the other settings in this dialog are the same as in ***AirBox* ➔ *Settings* menu ➔ *General* ⇨ *General***.

Interface

In the *Interface* tab, there are two options that are always enabled and inaccessible:

Modules

AirBox Output tab – here you can find a list of presets that will be used for file verification while building your playlists in ***ListBox*** . All you have   to do is select the platform and file format you intend to use for playout in ***AirBox ,*** and double-click to assign it.

In the ***Remote*** tab you can enable the events plug-ins you intend to use in ***AirBox*** and configure them. If ***AirBox*** and ***ListBox*** are running   on the same server, these settings will be shared between them. Please, check the ***AirBox*** section for external events description.

The ***Logo*** tab and the ***TC*** tab are not relevant in ***ListBox*** , thus, they are disabled.

TOOLS MENU

The **Tools** menu is identical to the ***AirBox*** Tools menu. Please, check the relevant section above for details.

COMMANDS MENU

The commands menu contains some playback-related and logo-related commands. As they are identical to the ***AirBox*** commands, please, check   the relevant section above for details.

HELP MENU

PlayBox Help

This menu item opens the ***ListBox*** context-sensitive help. It is still under development.

PlayBox Doctor…

Open it to start a tool that automatically collects data about your system and current setting, in order to provide you with proper support. All you have to do is fill-in the mandatory fields and send the resulting PlayBox Doctor report to us. See detailed description of the PlayBox Doctor features in the Basic PlayBox manual.

About…

Clicking on this menu item displays the **About** box of the ***ListBox*** module. It contains useful information about the module version, WIBU Box   number, license type, registration, etc.

APPENDIX – LISTBOX KEYBOARD SHORTCUTS

GENERAL

Function	Shortcut
New playlist	Ctrl+N
Load playlist	Ctrl+O
Save playlist	Ctrl+S
Save playlist As	Alt+S
Print playlist	Ctrl+S
Append a clip at playlist end	Alt+Ins
Insert a clip before selected clip	Ins
Remove a clip or clips	Del
Remove a clip without confirmation	Shift+Del
Clear All	Alt+Del
Clear All without confirmation	Shift+Alt+Del
Edit MPEG Media	Alt+Enter / Double-click

Find text	Shift+Ctrl+F
Undo/Redo last action	Ctrl+Z / Ctrl+Y

Insert Stop event	Ctrl+Alt+S
Insert Stop Cue event	Ctrl+Alt+C
Insert Wait event	Ctrl+Alt+W
Insert Wait Until event	Ctrl+Alt+U
Insert Wait Time Code event	Ctrl+Alt+A
Insert Logo event	Ctrl+Alt+L
Insert GPI event	Ctrl+Alt+G
Insert KramerSwitcher event	Ctrl+Alt+K
Insert KramerMatrix output	Ctrl+Alt+R
Insert TitleBoxNetCtrl output	Ctrl+Alt+T
Add Stop event	Shift+Ctrl+S
Add Stop Cue event	Shift+Ctrl+C
Add Wait event	Shift+Ctrl+W
Add Wait Until event	Shift+Ctrl+U
Add Wait Time Code event	Shift+Ctrl+A
Add Logo event	Shift+Ctrl+L
Add GPI event	Shift+Ctrl+G
Add KramerSwitcher event	Shift+Ctrl+K

ListBox *User's Manual*

Add KramerMatrix output	Shift+Ctrl+R
Add TitleBoxNetCtrl output	Shift+Ctrl+T
Insert Note event	Ctrl+Alt+N
Add Note event	Shift+Ctrl+N

GRID CONTROL

Function	*Shortcut 1*
Page scrolling	PageUp/PageDown
Jump to grid beginning	Home
Jump to grid end	End

SELECTION MANAGEMENT

Function	*Shortcut 1*
Selection bar movement	Up/Down arrows/ Click
Select multiple sequential clips	Shift+Up/Down arrows
Select more clips out of the sequence	Ctrl+Click
Select All	Ctrl+A
Invert selection	Shift+Ctrl+I
Cut selection	Ctrl+X

ListBox *User's Manual*

Copy selection	Ctrl+C
Paste selection	Ctrl+V
Move multiple selection	Alt+Drag-n-drop
Duplicate selection	Ctrl+Drag-n-drop
Move to playlist beginning	Alt+Home
Move selection 1 line up	Alt+Up
Move selection 1 line down	Alt+Down
Move selection to playlist end	Alt+End
Shift clips into selection range	Shift+Ctrl+H
Reverse clips order	Shift+Ctrl+V
Randomize clips order	Shift+Ctrl+R

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