



VIDEOBOX

INSTRUCTIONS FOR USE

Introduction

This document describes how the DCC Videobox should be connected to a DCC player and a suitable television; it also describes the function of the various switches and buttons on the front and rear panels of the unit. Drawings of the front and rear panels are provided.

The function of the DCC Videobox is to display, on a television, the Interactive Text Transmission System (ITTS) information available from a Digital Compact Cassette (DCC).

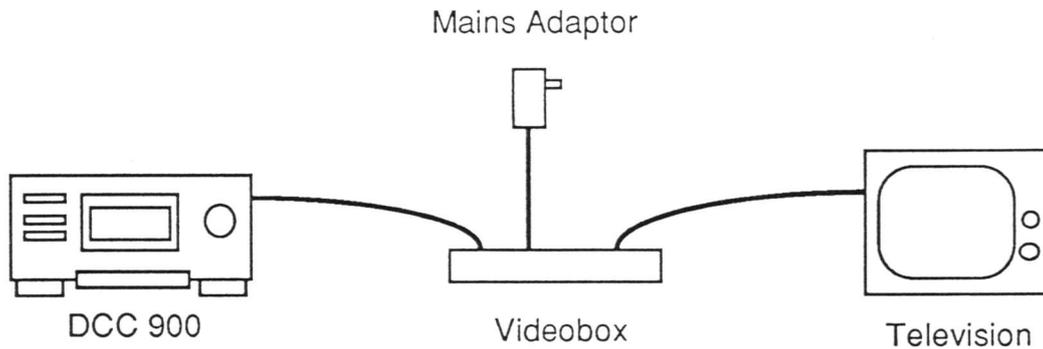
The Videobox is connected to the IEC digital output from the DCC and interprets the ITTS information. Under user control, it outputs the chosen information as text screens.

The user controls what information is to be displayed by pressing buttons on the front of the unit to select topics from a menu displayed on the tv screen. The menu, as with all other text information, is generated from data stored on the DCC tape itself. The user may also directly choose a topic, without going through the menu, by pressing one of four direct access topic buttons on the front panel.

The Videobox is capable of working in a DEMO mode whereby it will cycle through the mandatory topics, displaying each for a short period of time before moving onto the next. As an additional feature, the Videobox is able to work in a stand-alone mode whereby it generates text pages based on sample data stored within the Videobox itself.

External Connections

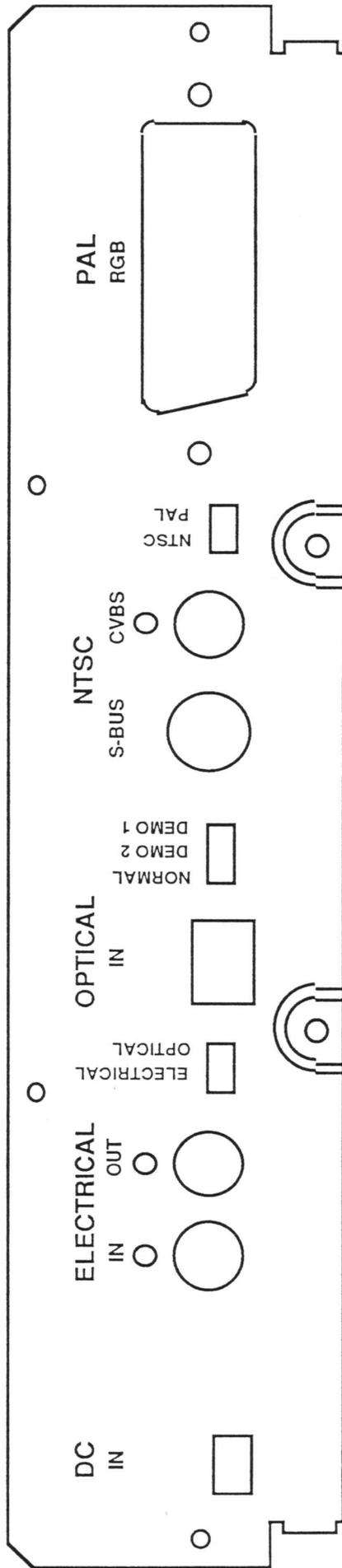
- Power Input - The unit is powered by the AC adapter (type MRLVB1) supplied, this is connected to the unit via the DC IN connector on the rear of the unit.
- DCC Input (Electrical) - The electrical output of the DCC player is connected to the ELECTRICAL IN connector on the rear of the unit via a suitable cable. The left hand switch on the rear of the unit should be set to the left hand position i.e Electrical.
- DCC Input (Optical) - The optical output of the DCC player is connected to the OPTICAL IN connector on the rear of the unit. The left hand switch on the rear of the unit should be set to the right hand position i.e Optical.
- IEC Output (Electrical) - The connector on the rear of the unit labelled ELECTRICAL OUT provides a loop through of the information received from the DCC player; this can be used for connection to other equipment.
- RGB Output - The SCART connector on the rear of the unit labelled PAL RGB provides RGB mixed signals which can be connected via a suitable cable to a monitor. When this output is used the right hand switch on the rear of the unit should be set to the right hand position i.e PAL.
- S-BUS Output - The 4 way mini DIN connector on the rear of the unit labelled NTSC S-BUS provides signals which can be connected via a suitable cable to an S-VHS monitor. When this output is used the right hand switch on the rear of the unit should be set to the left hand position i.e NTSC.
- CVBS Output - The Phono connector on the rear of the unit labelled NTSC CVBS provides signals which can be connected via a suitable cable to a monitor. When this output is used the right hand switch on the rear of the unit should be set to the left hand position i.e NTSC.



General View of Videobox System

Rear Switch Settings

- Input Select** - The left hand switch on the rear of the unit selects which of the two IEC inputs is to be used by the unit to produce the display information. If the Electrical input is to be used then the switch should be in the left hand position. If the Optical input is to be used then the switch should be in the right hand position.
- Mode Select** - The centre switch on the rear of the unit selects in which of the three modes the unit is to operate. The three modes are **NORMAL** where the information is supplied by the DCC player and the display is controlled by the user; **DEMO 2** where the information is supplied by the DCC player and the display cycles through the mandatory topics; and **DEMO 1** where the information is generated internally and the display cycles through the mandatory topics. If Normal mode is required then the switch should be in the left hand position. If Demo 2 mode is required then the switch should be in the centre position. If Demo 1 mode is required then the switch should be in the right hand position.
- Output Select** - The right hand switch on the rear of the unit selects PAL or NTSC output. This switch must be set before powering the unit. If a NTSC output is required then the switch should be in the left hand position. If a PAL output is required then the switch should be in the right hand position. (Note - a PAL output is only available on the RGB connector).



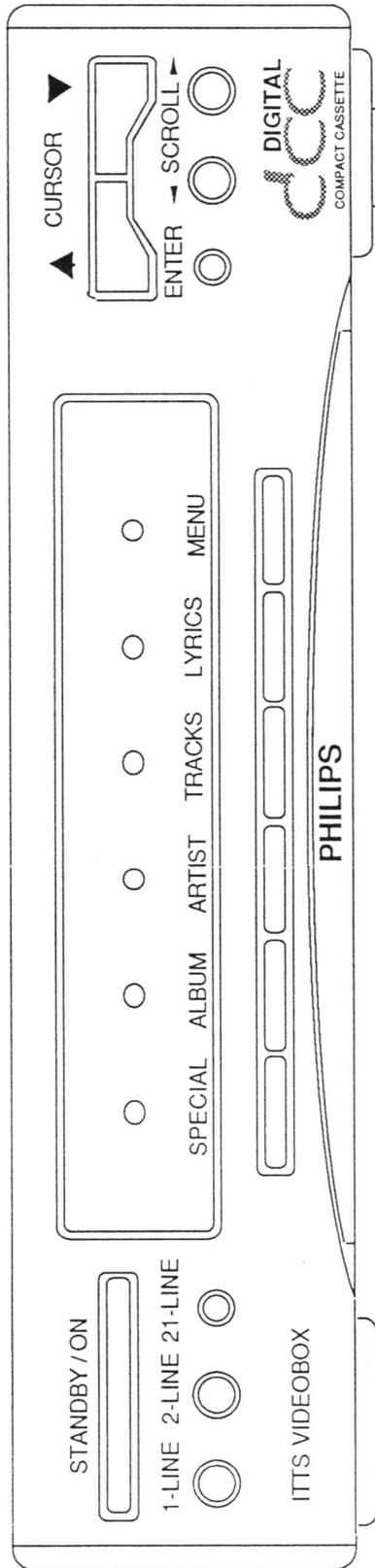
Videobox Rear Panel

Front Panel Controls

- Standby/On - This button is used to blank the display (Standby) or allow a chosen topic to be displayed (On). The left hand LED is on when the unit is in Standby mode and is off when the unit is On.
- 1 Line - This button selects a display format which has only 1 line of text.
- 2 Line - This button selects a display format which has 2 lines of text.
- 21 Line - This button selects a display format which has 21 lines of text.
- Album - This button selects the display of the Album title. When the Album title is selected the LED directly above this button will be on.
- Artist - This button selects the display of the Artist name. When the Artist name is selected the LED directly above this button will be on.
- Tracklist - This button selects the display of the Tracklist. When the Tracklist is selected the LED directly above this button will be on.
- Lyrics - This button selects the display of the Lyrics. When the Lyrics are selected the LED directly above this button will be on.
- Menu - This button selects the display of the Menu. When the Menu is selected the LED directly above this button will be on.
- Cursor Up - This button is used when a chosen topic has more than 1 page of text; pressing the button displays the previous page of text, unless the first page of the topic is already being displayed, in which case the first page will continue to be displayed.
- Cursor Down - This button is used when a chosen topic has more than 1 page of text; pressing the button displays the next page of text, unless the last page of the topic is already being displayed, in which case the last page will continue to be displayed.
- Enter - This button is used to select a topic from the menu once the chosen topic has been highlighted by using the scroll buttons. Pressing the Enter button will result in the chosen topic being selected and the corresponding LED will light.

- Scroll Left - This button is used to step through the topics which are displayed as a menu; when the required topic is highlighted the Enter button should be pressed to display the chosen topic.

- Scroll Right - This button is used to step through the topics which are displayed as a menu; when the required topic is highlighted the Enter button should be pressed to display the chosen topic.



Videobox Front Panel