



News Control Panel

Technical Reference Sheet



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Aveco

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NEWS CONTROL PANELS

1. OVERVIEW

In the dynamic environment of media production and delivery, a hardware control panel gives the operator the ability to focus on the visual and audible aspects of the job and still maintain precise control of the process. With the demands of the industry in mind, Aveco has designed a range of hardware control panels suited for various workplaces. The News Control Panel is an essential tool in manual control of multichannel clip payout in live studio production.

Figure 1. Channel News Control Panel - Front



Figure 2. Channel News Control Panel - Side



2. DESCRIPTION

As a companion to ASTRA Newsblock, the News Control Panel controls up to four videosever channels from a MOS-imported or manually created rundown in the production studio. Dedicated illuminated buttons give the users both control and status information for each channel. The News Control Panel with the Newsblock application can also control a slave videosever channel as a source of an alpha signal for keyer effects.

3. FUNCTIONALITY

3.1. CHANNEL CONTROL KEYS

There are four columns of keys, each column can control one videosever channel via the ASTRA Newsblock application. These functions are

- RECUE – re-cues the newsblock clip marked as NEXT. Pressing the RECUE key again cues the previous clip assigned to this videosever channel and marks it as NEXT. By using this key it is possible to move toward the start of the rundown.
- SHIFT-RECUE – re-cues the event belonging to the channel, that has been selected by the cursor.
- FREEZE – will pause currently playing event.
- NEXT – will start next event (event marked as NEXT). By using this key it is possible to move towards the end of the rundown.
- PLAY – will restart frozen event or start the first event.
- JUMP – is a reserved button.

3.2. CHANNEL ASSIGNMENT

The keys A, B, C and D assign the respective videosever channel to the clip highlighted by the Newsblock cursor.

3.3. CURSOR KEYS

The UP and DOWN arrows move the cursor up and down in the Newsblock.

3.4. ASSIGNABLE KEYS

F1 and F2 keys can be configured to trigger various functions or workflows. The keys can be shifted, thus four independent user functions can be called.

3.5. DIMMING OF ILLUMINATION

The keys are illuminated. In dark studios, the ability to adjust the intensity of the keys is driven by the needs of the user. The procedure is as follows:

- Set the dimming control mode by pressing the Shift key three times within one second
- Control the dimming using the UP and DOWN keys
- Exit the dimming mode by leaving the panel untouched for more than four seconds or by pressing any other key (the panel will also send that key command out via the USB). Also, when an application sends a command to the panel via USB, the dimming control mode is terminated.

TECHNICAL SPECIFICATIONS

The Aveco News Control Panel uses a single USB port as a combined power and control interface.

4 CHANNEL NEWS CONTROL PANEL

Connectivity	
Control Interface	USB
Physical	
Weight	0.9kg
Dimensions (mm)	195x148x48 (WxDxH)
Power	
Power Supply	Supplied by PC via USB port
Power Consumption	0.5W