DOMOSAPIENS EASY PAGER DRIVER

This driver enables you to control paging from a variety of sources to one or several rooms.

Specifically, the following functions are available:

- Paging audio may be fed from a variety of sources, including analog audio, digital audio and digital media (TuneIn Favorites), as long as there is an Audio Path to the selected room(s).
- Paging may be triggered by one of several Contact Sensors, Keypad buttons or Programming.
- Paging volume is selectable by room for maximum effectiveness.
- Rooms are set back to their original state when paging ends.

    - For regular audio sources, the connection is restored (a Play command may optionally be issued by the driver).
    - For Digital Media, the driver can properly restore any previously playing TuneIn station.
    - For other Digital Media (Tidal, Pandora, Spotify, etc.), the driver can restore the connection, but playing needs to be reinitiated by the user.

- This driver has advanced processing for rooms where the Video's Audio and the Audio paths are different.

INSTRUCTIONS

- Use the free trial period or activate the driver at any time by assigning to this project the license you purchased from the DriverCentral website (requires the DriverCentral cloud driver).

- When paging is triggered, this driver connects each selected room to the selected Paging audio Source via a 'Listen' command. Paging ends when the Contact Sensor is reversed or the duration expires, depending on the trigger type selected ('H' for Hold or 'D' for Duration). If several rooms are selected, each is connected in turn and its volume set, thus some small delays may be experienced. When paging ends, each room is returned to its original state (Off or Listen or Watch, Muted or not, original Volume). There is one exception for Digital Media sources (see the 'Paging Source Media' property below).

- Plan for how paging will be triggered and connect the appropriate trigger(s) such as one or more Contact Sensor(s) and/or Keypad Buttons. Specify the trigger types, the default paging duration and whether the contacts, if used, are Normally Closed (the default) or Normally Open. Programming may also be used and connected to Experience buttons, for example.

- Select the room(s) to receive the Paging Source audio, as well the appropriate Paging Volume(s).

- Specify the Paging Source and, if Digital Media, the Paging Source Media. Please note that Digital Media may take 2-4 seconds, after paging starts, before any audio is heard. One sample situation

where this driver is used effectively is with an ELAN COM2 unit which generates analog audio when a doorbell button is pressed. An ELAN SIM2 adapter is used to connect to Control4 sensor inputs.

- Optionally select 'Volume Options' and 'When Room in Watch' properties.

- ****NEW**** You may also trigger Paging via programming. If the duration is to be variable (pressing a microphone button, for example), simply set the programming duration to 600 (the maximum) on the 'Start Paging' command and use the programming command to 'End Paging' when appropriate.

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PROPERTIES

Cloud Status displays the status of the DriverCentral license or trial.

Automatic Updates may be set to yes to allow for DriverCentral updates.

Driver Version displays the version of this driver.

Debug Mode turns Debug Mode Off or On (with output to the Lua Output window).

Debug Duration in Minutes sets the duration of Debug On.

Driver Information displays various status messages about the driver.

Select Room(s) for Paging allows you to select one or several rooms where paging will be heard. The driver will issue an Alert in the Lua Output window if an audio path for the Paging Source is not available in a selected room.

Page this Room First (when more than one rooms selected) allows you to specify which room will be paged first. It will have the minimum delay before audio starts.

Page this Room Second (when more than two rooms selected) allows you to specify which room will be paged second. It will have a minimum delay before audio starts (after the first room).

Paging Source allows you to select the audio source to be used for paging. Most audio sources are available, provided there is an audio path to the selected room(s).

Paging Source Media is used to select a specific Source Media for Digital Media sources. The driver is able to remember a broadcast (TuneIn) station even when it is not a favorite and switch back to that station when Paging ends.

Paging Volume(s) allows you to specify either one paging volume for all selected rooms (such as 40, for example) or one paging volume for each selected room (such as 40,35,45 for example, when 3 rooms are selected). If 0 is specified for a given room, its current volume will be used for paging.

Volume Options allows you to select which volume is to be used for each room when paging. The options are self-explanatory.

NEW **Volume Adjustment Delay in Milliseconds** specifies the delay before the driver will change the volume to the Paging Volumes and back to the original volume at the end of paging. This may be

useful if you wish paging to be at a higher volume but want to avoid a high volume on the current source while it is switched to the paging source (and back).

When Room in Watch presents options for rooms where the Video's Audio and Audio paths are different. In normal Control4 operation, when such is the case, you may Watch something (the TV will come On with its Video's Audio) and then Listen to something else (the TV will stay On with its Video's Audio and the 'something else' will play on the Audio path. Since paging uses the Audio ('Listen') path, this option allows you to specify what happens to the 'TV's' audio when paging starts.

==**NEW**== **Issue a PLAY Command for Audio** allows the driver to issue a PLAY command to the paging source before paging and/or to the restored source(s) after paging ends. The may be useful to restart some media sources after paging ends.

Trigger Types specifies the trigger type for the 5 available triggers (either Contact or Keypad). The value for each may be 'H' (Hold) where paging will occur only when the Contact or Keypad button is 'held', or 'D' (Duration) where paging will start when the Contact or Keypad button is activated/pressed and will end after the default duration. Programming may also start paging with variable durations. An easy way to use this is to leave the default of 'H,H,H,D,D' and connect devices to connections 1, 2 or 3 for Hold operation and connections 4 or 5 for Duration operation. **==**NEW**==** In any case, the total paging cannot exceed 10 minutes (600 seconds). These types only apply to Contact and Keypad Triggers, not to programming which has its own Start, duration and End.

Default Paging Duration in Seconds specifies the default paging duration for Contacts/Keypad buttons with Trigger Type 'D'. The maximum is 600 seconds.

Contact Triggers Are specifies if Contact Sensor triggers are Normally Closed (the default) or Normally Open.

SUPPORT

For support on this driver please go to https://help.drivercentral.io/. Give a detailed description of the problem and also include the version number of the driver and the version of Control4 OS that you are using.

AUTO UPDATE

This driver is updated with fixes and new features from time to time. To ensure your project uses the latest version, set the Automatic Updates property of the driver to On.

CHANGELOG

10.0.0	April 25, 2020	Initial Release
10.1.0	May 8, 2020	Added ability to switch back to any broadcast station, issues fixed
10.2.0	March 7, 2021	Licensing update
10.3.0	May 25, 2023	Added some specialized Experience Buttons as Paging Sources
10.4.0	February 12, 2024	Added optional PLAY command, issues fixed

10.4.1 August 2, 2024   Documentation updated for Digital Media
10.5.0 January 19, 2025   Added option and delay for volume adjustment, maximum duration
increased to 600 seconds
10.5.1 April 18, 2025   Issue fixed with Play command when ending Paging