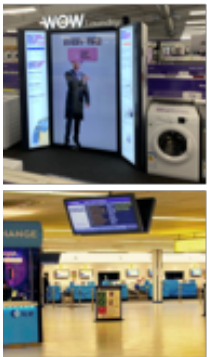


AD SERIES

Electronic Solutions
Design & Manufacture

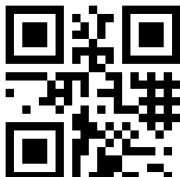


AVX460 Atmos Deployment



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Solutions



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Option 1 – AVX460-10

AVX460-10
Player





HDMI

4 Button interface

OPTICAL

Buttons 1-4

Buttons

-  Demo (Toggle On / Off)
-  SoundBar Demo (Toggle)
-  Vol +
-  Vol -

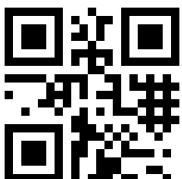


Function AVX460-10

Four Button Demo with HDMI – Summary of basic function

- Default play of video loop (no Audio)
- Demo Button will cause Full Codec Audio to play via TV (Set at Default level)
- Sound Bar Button will cause Full Codec Audio to switch from TV to SB at predefined level. The volume buttons will now be enabled allowing the volume to be adjusted in the player.
- Repeated button press will toggle functions
- On timeout the TV and SB will return to default setting.
- Keep awake signal sent to soundbar

Custom function available



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Option 2 – AVX460-1H

AVX460-1H
Player

HDMI





CEC control

OPTICAL

4 Button interface

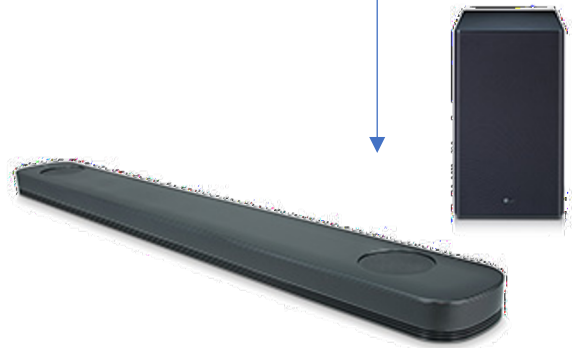
Buttons 1-4

Buttons

-  Demo (Toggle On / Off)
-  SoundBar Demo (Toggle)
-  Vol +
-  Vol -



HDMI

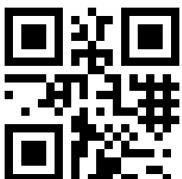


Function AVX460-1H

Four Button Demo over HDMI – Summary of basic function

- Default play of video loop (no Audio)
- Demo Button will cause Full Codec Audio to play via TV (Set at Default level)
- Sound Bar Button will cause Full Codec Audio to switch from TV to SB at predefined level. The volume buttons will now be enabled allowing the SB volume to be adjusted.
- Repeated button press will toggle functions
- On timeout the TV and SB will return to default setting.
- TV and SB will be kept awake / auto turned on if turned off

Custom function available



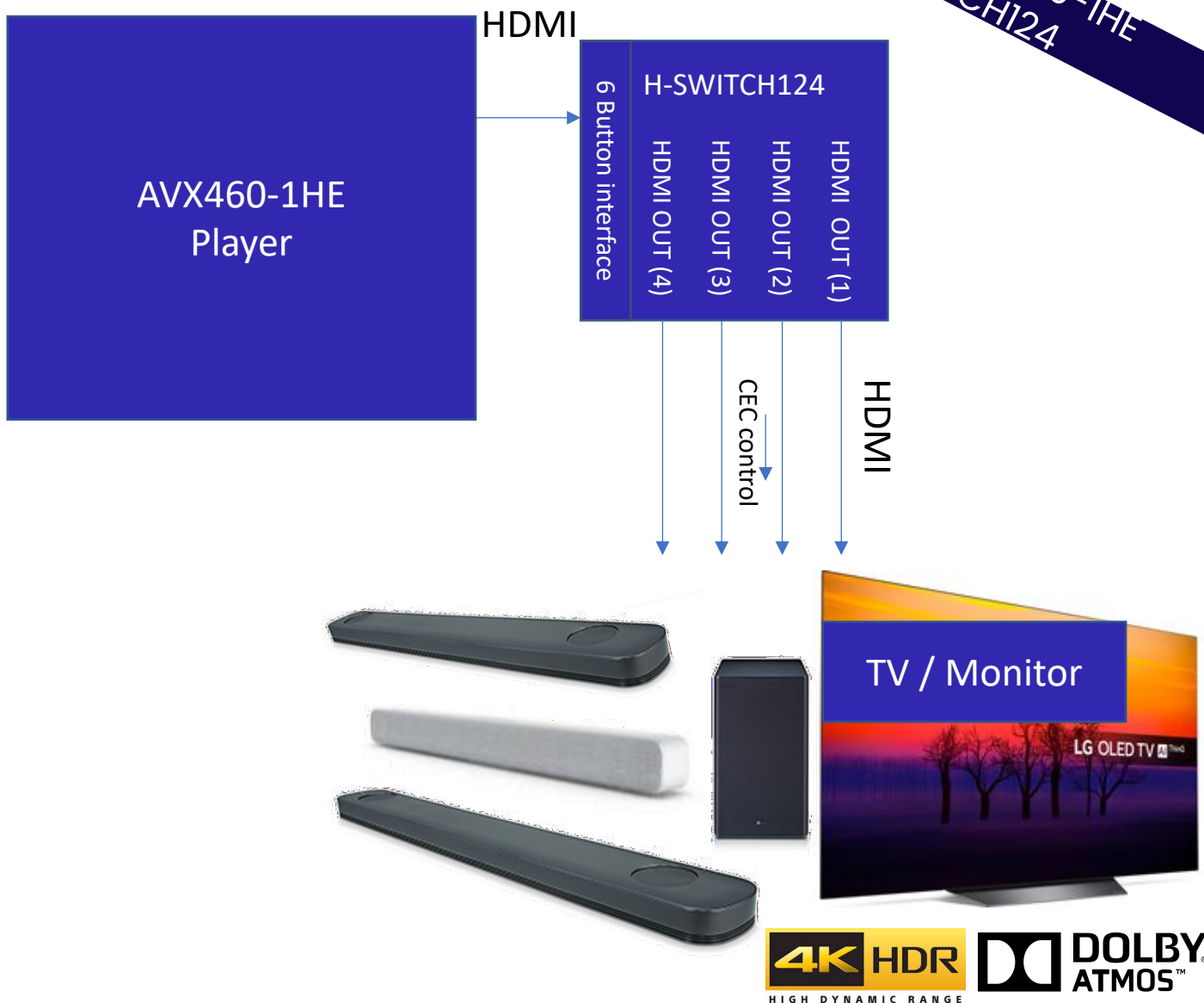
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Option 3 - AVX460-1HE
+ H-SWITCH124

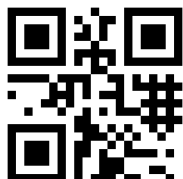


Function AVX460-1H + H-SWITCH124

Ten Button Demo over multi HDMI – Summary of basic function

- Default play of video loop (no Audio)
- Demo Buttons will cause Full Codec Audio to play via selected device
 - For TV's this will be at default volume (Set at Default level)
 - For Sound Bar Buttons, the volume buttons will now be enabled allowing the SB volume to be adjusted.
 - Content can also be switched
 - Selected product illumination output
- On timeout the TV and SB will return to default setting.
- TV and SB will be kept awake / auto turned on if turned off

Custom function available



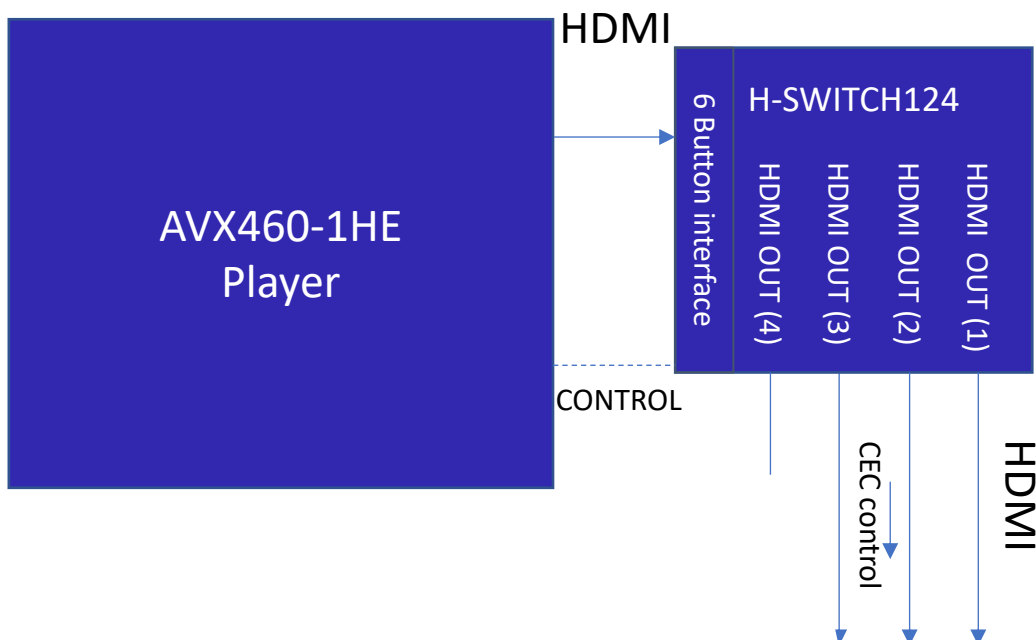
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Option 3a - AVX460-1HE
+ H-SWITCH124



Buttons

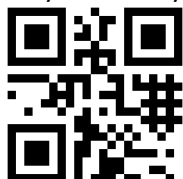
-  Demo / Next
-  Sub ON / OFF
-  Stop (return to default)
-  Vol +
-  Vol -



Function AVX460-1H + BBB + H-SWITCH124

Five Button Demo over HDMI

- Default play of video loop (no Audio) (or attractor loop flag option ideal)
- Demo Button / next button will cause Audio to play to soundbar 1
- Repeat button press of demo button will advance to the next content video in the play list
- 60second timeout to default loop, this will also reset the SB volume levels.
- Sub on / off button will toggle audio between the two sound bars, will cause demo start if in default mode.
- The volume buttons will be enabled when audio is active on both SB volume.
- On timeout the TV and SB will return to default setting.
- SB will be kept powered ON at so no switch over delay
- One final button to return the play to default (replicate the timeout) play should be provided
- Ability to locally set default volume level



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Option 3b - AVX460-1HS
+ H-SWITCH124

AVX460-1HS
Player

HDMI



Player Function

- Content management
- Content select – common loop / dedicated product file
- Attractor option
- Vol +/- PCM Format
- Optical out
- Dolby Atmos



4K HDR
HIGH DYNAMIC RANGE

DOLBY
ATMOS™

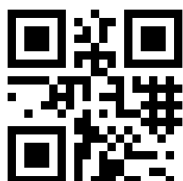
Global

- Button Functions
- Output LED's
- Timeouts
- Configuration
- Data collection

H-SWITCH124 Function

- CEC emitter – per channel
- HDMI out switch / split
- Vol +/- request RAW Format

4K TV OPTION



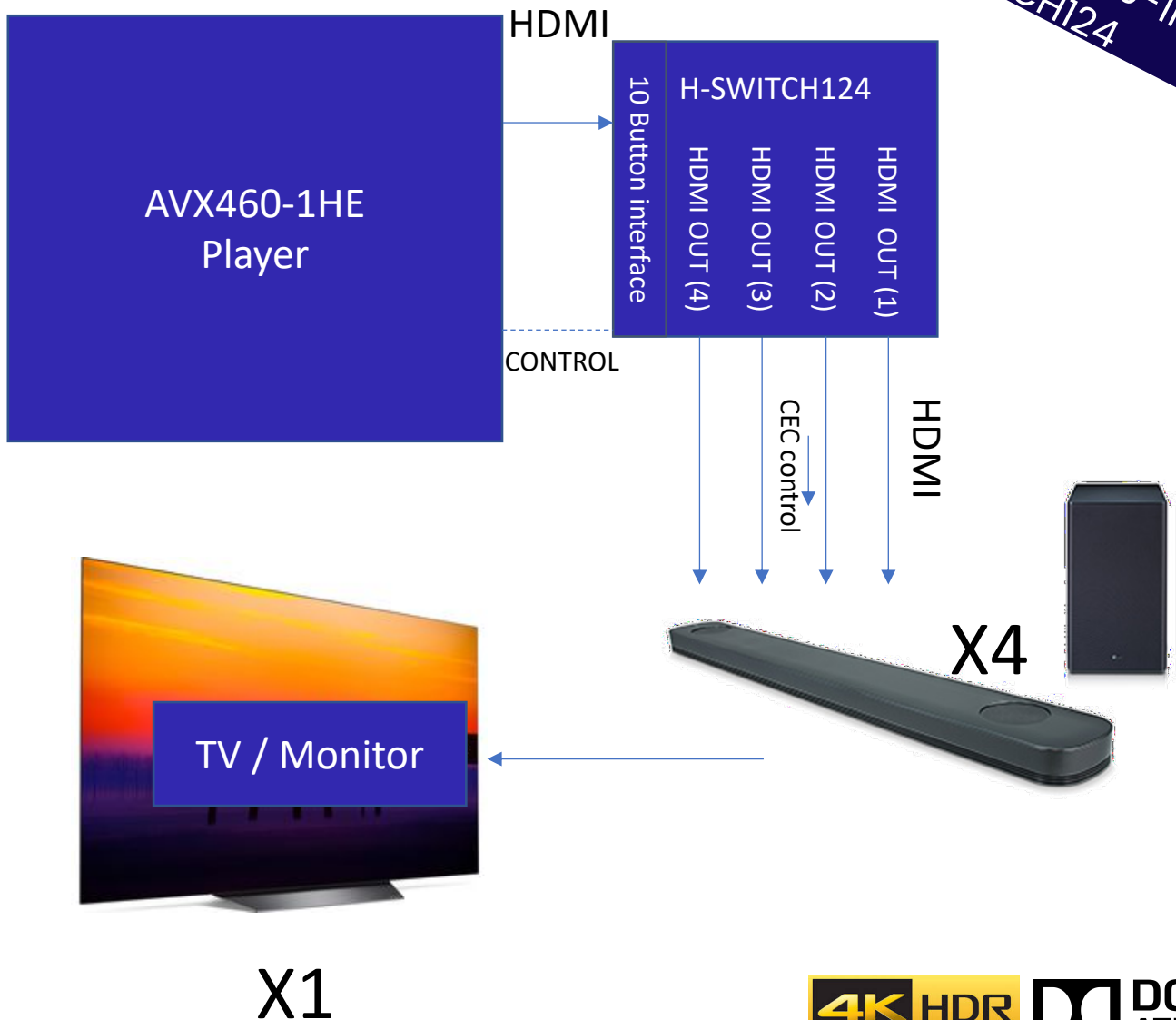
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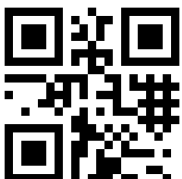
Option 3c - AVX460-1HE
+ H-SWITCH124



Function AVX460-2HS + H-SWITCH124

Multi Button Demo over HDMI

- Default play of video loop (no Audio)
- Individual product Demo Buttons will cause Full Codec Audio to play SB at predefined level.
- The volume buttons will now be enabled allowing the SB volume to be adjusted.
- On timeout the SB's will returned to default setting.
- SB's will be kept awake



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AVX460-1HE
Player

10 Button interface

H-SWITCH124

HDMI OUT (1)
HDMI OUT (2)
HDMI OUT (3)
HDMI OUT (4)

CONTROL

CEC control

HDMI

Touch
screen
(tablet)

Button's / Touch interface

3 x product buttons

2 x volume buttons / slider

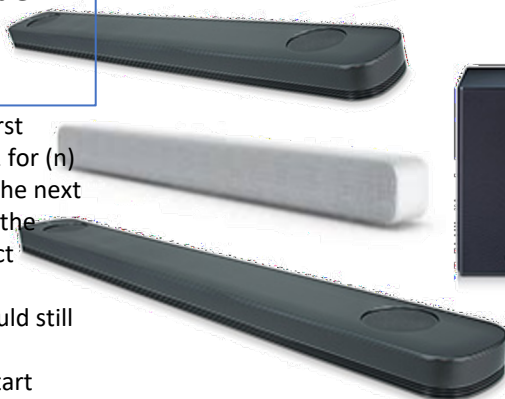
4 x content buttons

1 x Auto Demo button

The Auto Demo, will cause the first content to be connected to SB#1 for (n) seconds, then to auto switch to the next SB for the same period, etc until the demo timeout or another product button was presses.

Volume and content buttons would still function.

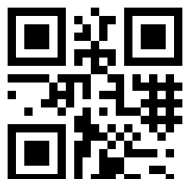
On the touch screen the demo start button may be on a first attractor screen, once pressed this would switch to the control screen



Function AVX460-1H + H-SWITCH124

Ten Button Demo over multi HDMI – Summary of basic function

- Default play of video loop (no Audio)
- Demo Buttons will cause Full Codec Audio to play via selected device
 - For TV's this will be at default volume (Set at Default level)
 - For Sound Bar Buttons, the volume buttons will now be enabled allowing the SB volume to be adjusted.
 - Content can also be switched
 - Selected product illumination output
- On timeout the TV and SB will return to default setting.
- TV and SB will be kept awake / auto turned on if turned off



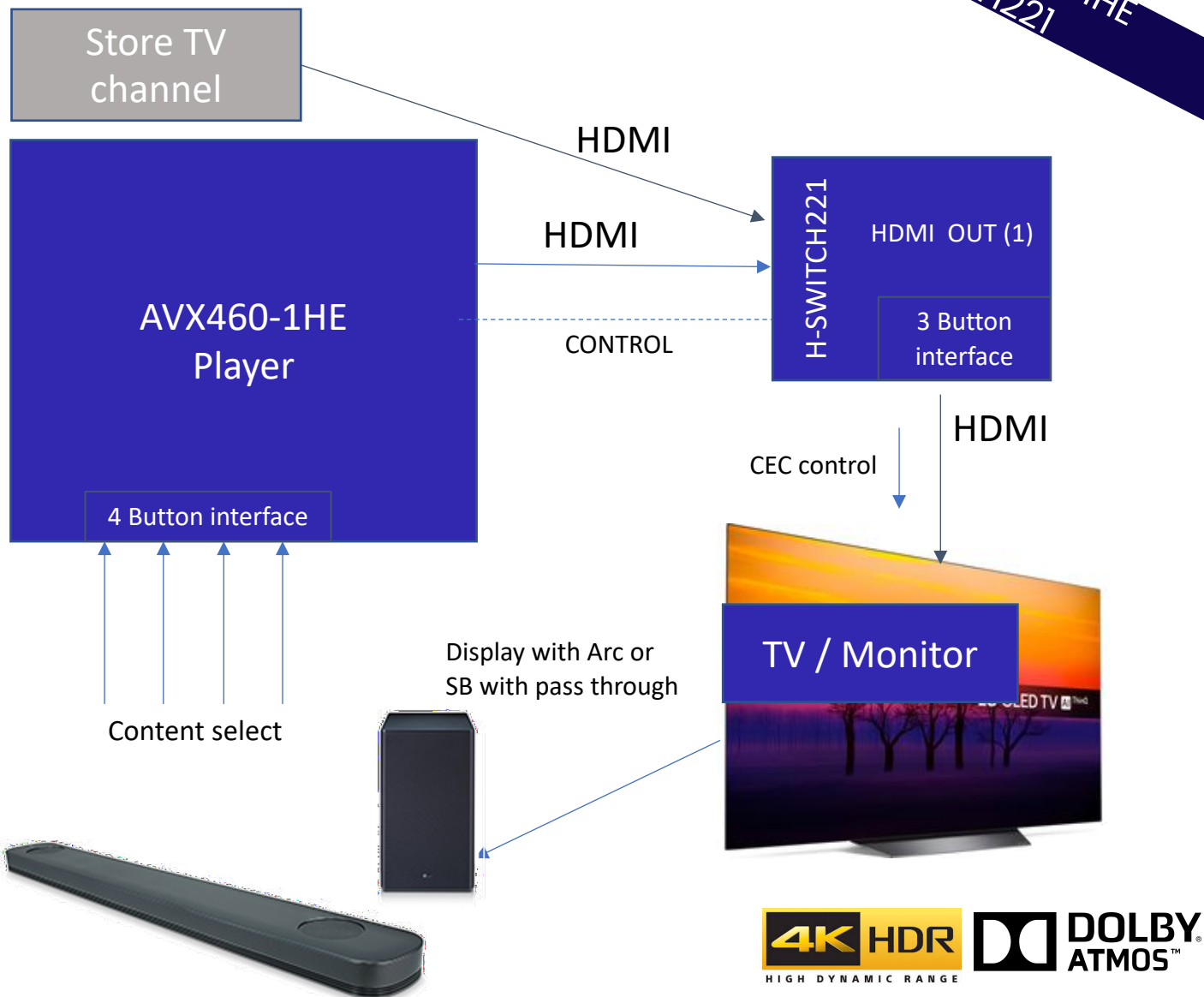
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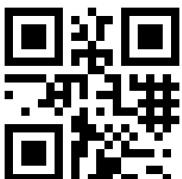
AD SERIES

Option 4 - AVX460-1HE
+ H-SWITCH221



Deployment Options

- 1) The timeout to default play can be on the Demo or SB button last press or any last pressed button to ensure no timeout during demo.
- 2) The hand over and hand back between the TV and SB will be seamless.
- 3) TV volume adjust is expected to be included by October 2018.
- 4) Additional SB (3 max) could be added with the SB button used as a 'next' function.



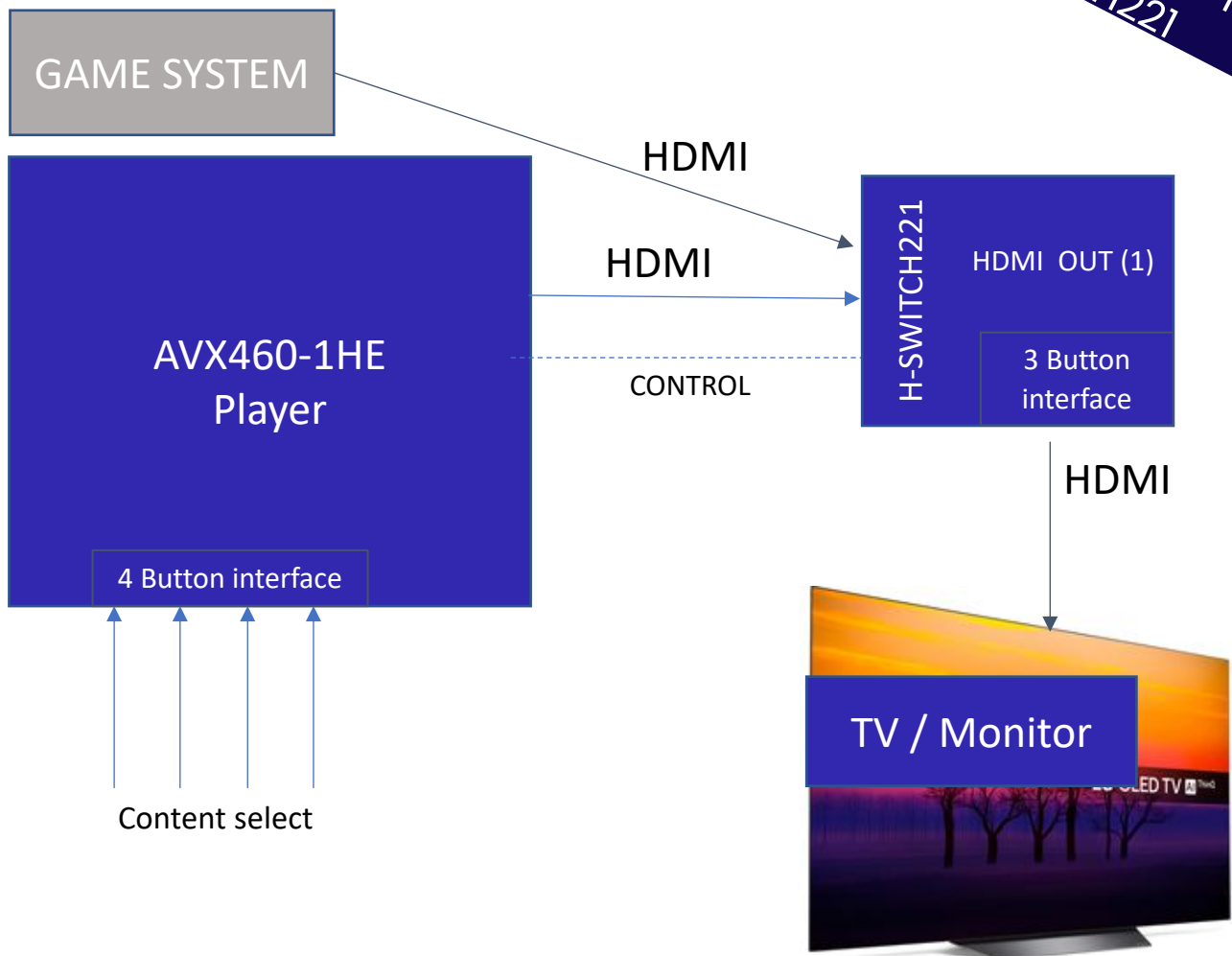
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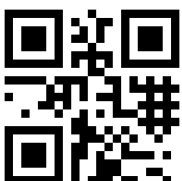
AD SERIES

Option 4a - AVX460-1HE
+ H-SWITCH221



Deployment Options

- 1) Default play is from the AVX460 (on power up)
- 2) One button will switch the input to the game system.
- 3) There will be a timeout to auto switch back to the AVX460.
- 4) If the button is pressed more than once the input will toggle between states.



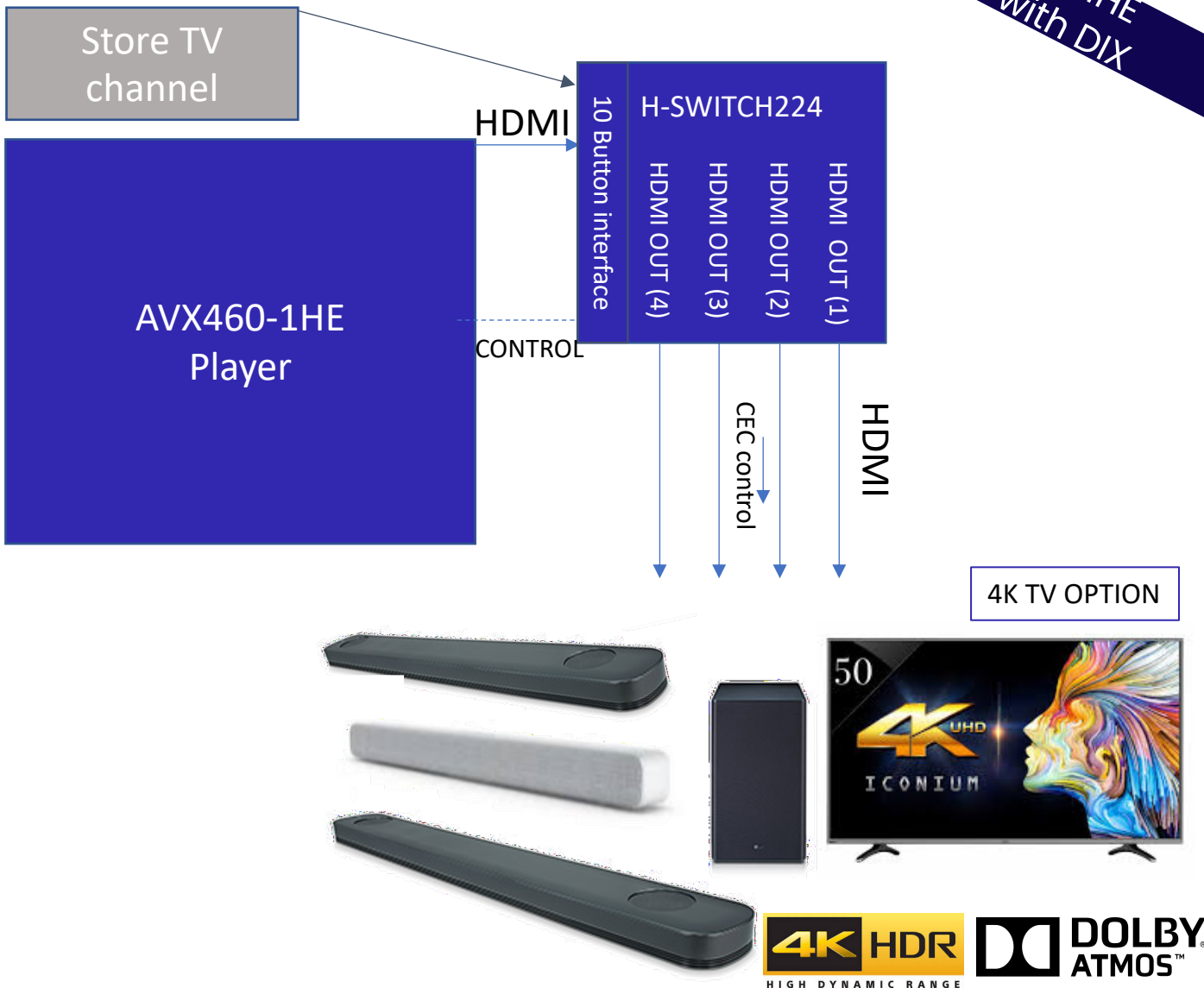
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AD SERIES

Option 5 - AVX460-1HE
+ H-SWITCH224 with DIX



Deployment Options

- 1) The timeout to default play can be on the Demo or SB button last press or any last pressed button to ensure no timeout during demo.
- 2) The hand over and hand back between the TV and SB will be seamless.
- 3) TV volume adjust is expected to be included by October 2018.
- 4) Additional SB (3 max) could be added with the SB button used as a 'next' function



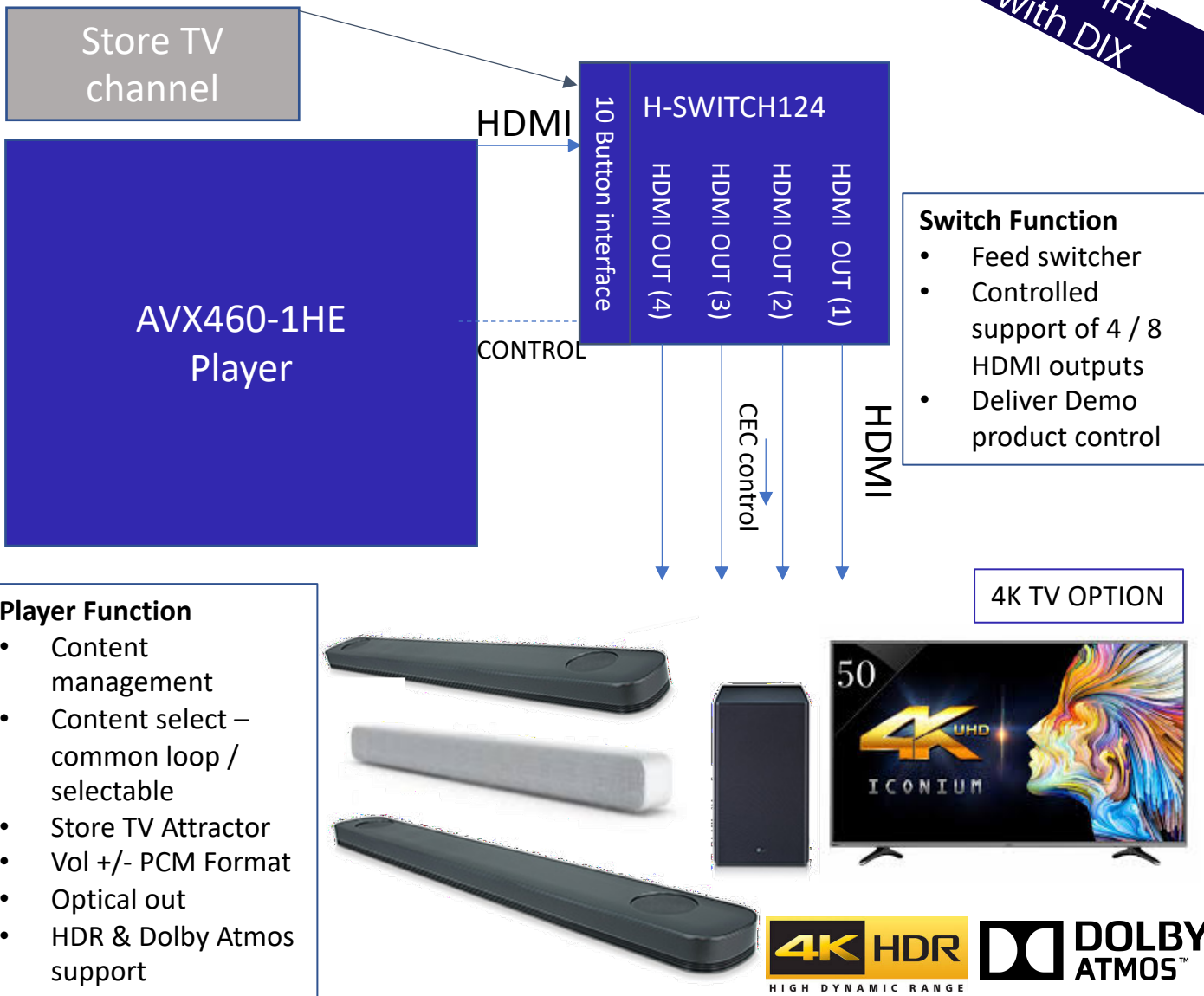
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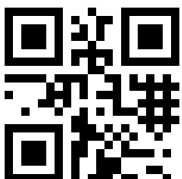
AD SERIES

Option 5a - AVX460-1HE
+ H-SWITCH124 with DIX



Deployment Options

- 1) The timeout to default play can be on the Demo or SB button last press or any last pressed button to ensure no timeout during demo.
- 2) The hand over and hand back between the TV and SB will be seamless.
- 3) TV volume adjust is expected to be included by October 2018.
- 4) Additional SB (3 max) could be added with the SB button used as a 'next' function



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