

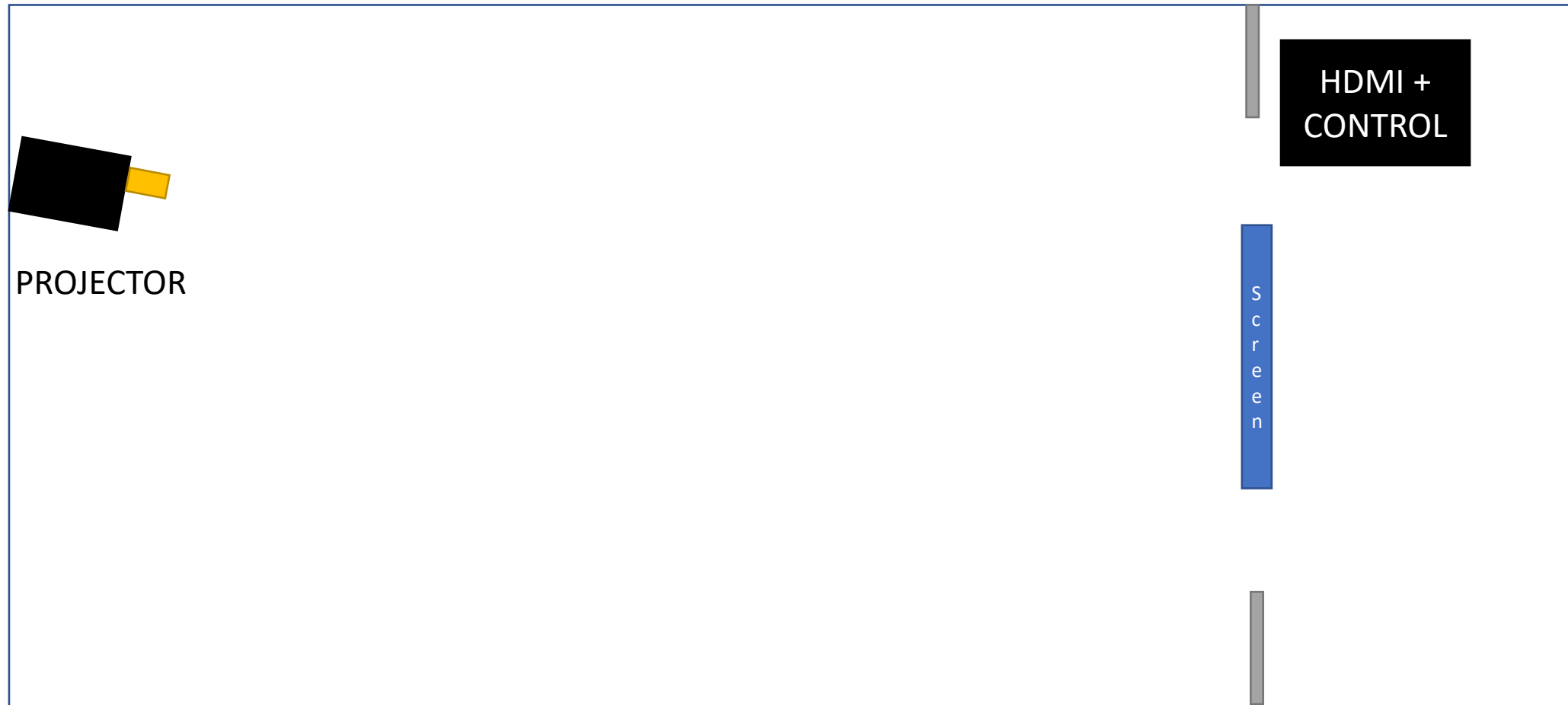
PRACTICAL AUDIO VISUAL PROPOSAL

ST PETERS DE BEAUVOIR

PROJECTOR INSTALLATION

INDICATIVE SYSTEM SCHEMATIC

practical | audio
visual



MOCK-UP – SMART MOVE

practical | audio
visual



3m Wide
16:10

SMART MOVE SCREEN

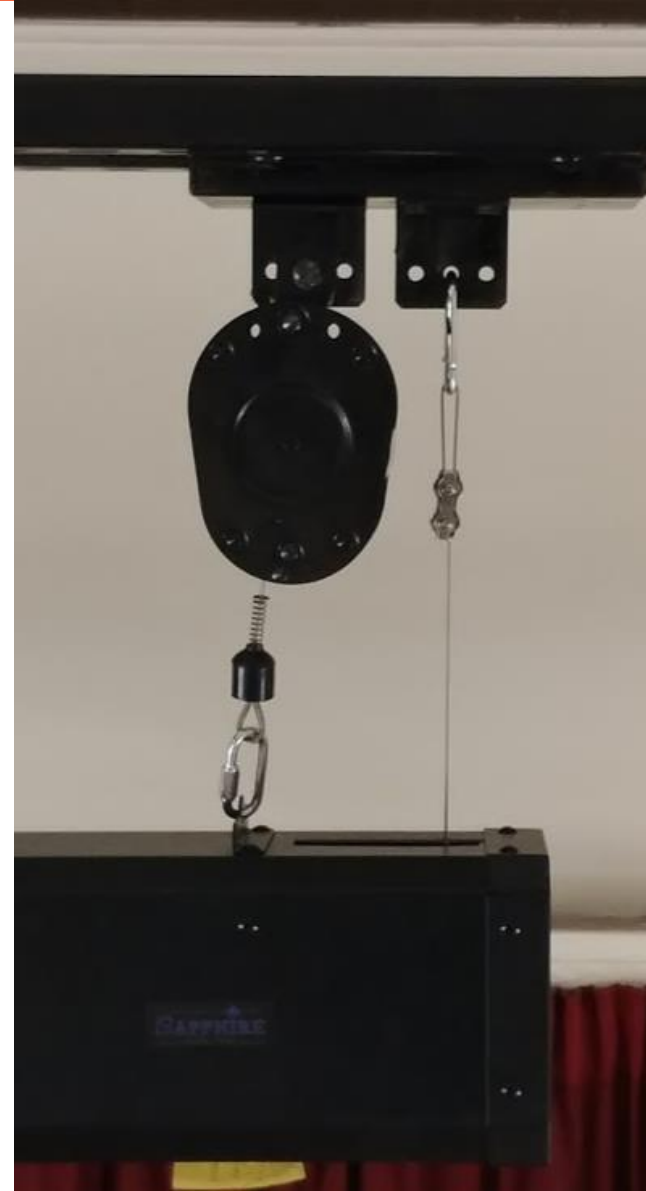
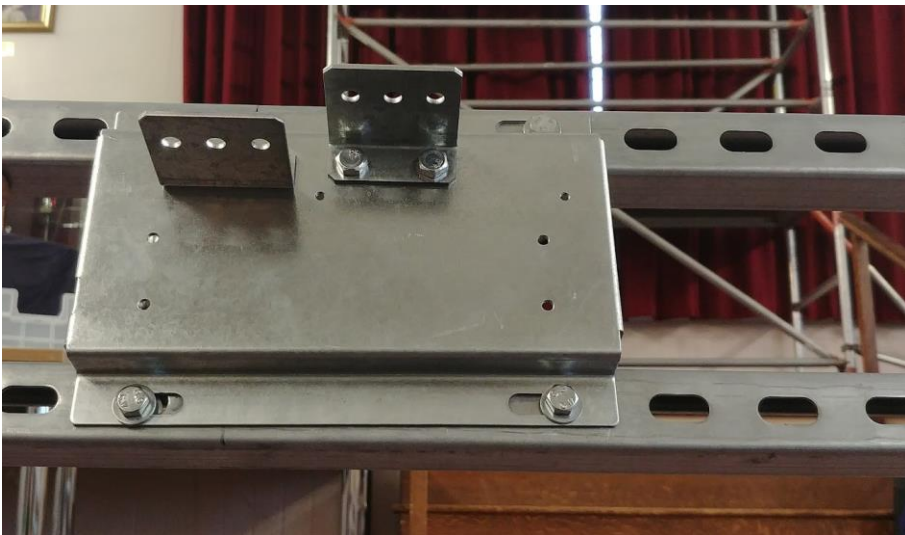
SMART MOVE DETAIL

practical | audio
visual



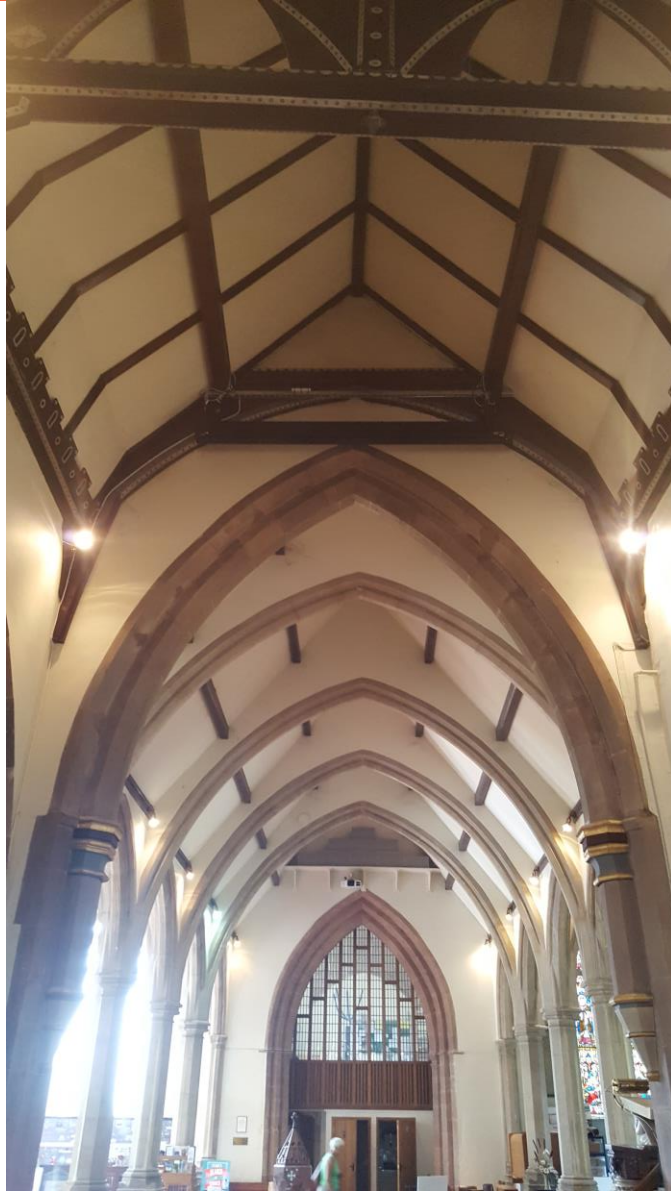
SMART MOVE DETAIL

practical | audio
visual



SMART MOVE DETAIL

practical | audio
visual



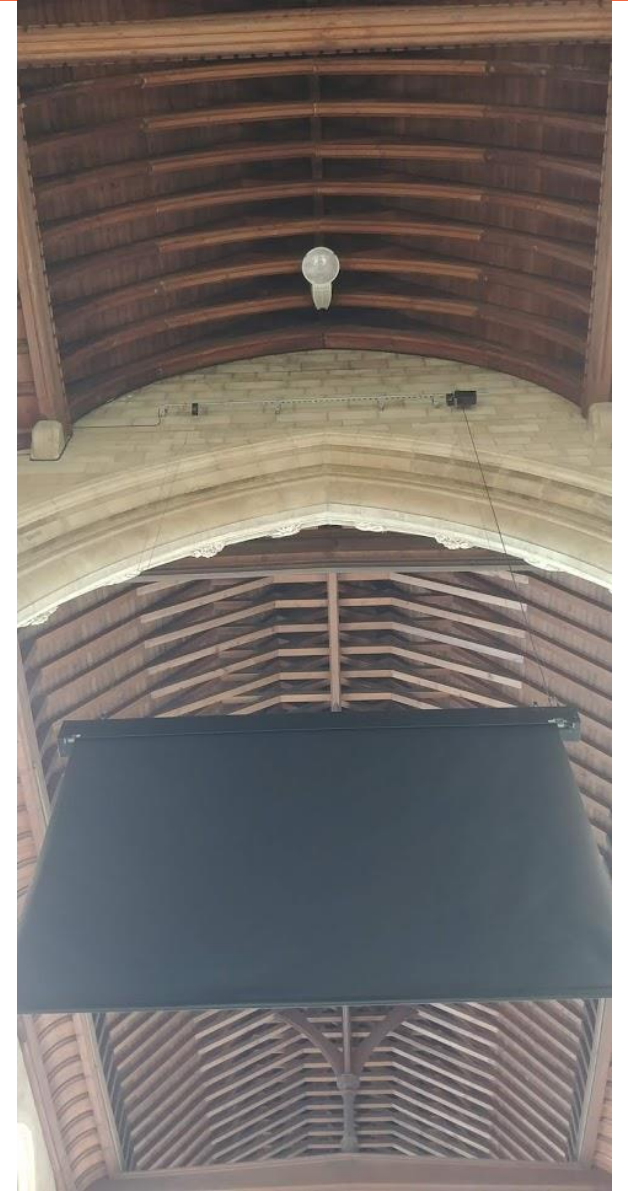
SMART MOVE DETAIL

practical | audio
visual



SMART MOVE DETAIL

practical | audio
visual



SMART MOVE DETAIL

practical | audio
visual



SMART MOVE DETAIL

practical | audio
visual



SMART MOVE DETAIL

practical | audio
visual



SMART MOVE DETAIL

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visual



St Marks Church in Harrogate

<https://www.youtube.com/watch?v=1gamy-NJBPY>

St Johns Church - Loxwood

<https://www.youtube.com/watch?v=b0CqE5DRCfs>

Ridgeway School - Scunthorpe

<https://www.youtube.com/watch?v=Sr8TNXXiCQs>

St Judes – Croydon

<https://www.youtube.com/watch?v=vr-tgi0px4g>

St Johns School – Leatherhead

<https://www.youtube.com/watch?v=OFGunfeHkd4>

Carlisle Cathedral

<https://www.youtube.com/watch?v=MxXzdJ51H88>

Cabling Principles

- Work within the floors/walls and existing conduit where possible.
- Cable on the 'non-visible' side of walls as you look down the church towards the new screen.
- Follow existing cable runs if appropriate – no visible change to church if possible.
- Run cables in corners and within detailing
- Black cables and minimal number of cables for functionality

TYPICAL CONNECTIVITY

HDMI CONNECTION

practical | audio
visual



Basic HDMI Connection



Basic HDMI Connection

TYPICAL PROJECTOR

BRIGHTNESS CHART. 16:10 SCREENS

practical | audio
visual

Screen Size 2.0m Screen	
Viewing Area	2037mm x 1273mm
Aspect Ratio	16:10
Screen Area m ²	2.59
Projector Brightness Screen Brightness	
(Lumens)	(Lumens m ²)
3000	1156.92
4000	1542.55
5000	1928.19
6000	2313.83
7000	2699.47
8000	3085.11
9000	3470.75
10,000	3856.39

Screen Size 2.4m Screen	
Viewing Area	2346mm x 1466mm
Aspect Ratio	16:10
Screen Area m ²	3.44
Projector Brightness Screen Brightness	
(Lumens)	(Lumens m ²)
3000	872.29
4000	1163.05
5000	1453.81
6000	1744.57
7000	2035.34
8000	2326.10
9000	2616.86
10,000	2907.62

Screen Size 2.7m Screen	
Viewing Area	2703mm x 1687mm
Aspect Ratio	16:10
Screen Area m ²	4.56
Projector Brightness Screen Brightness	
(Lumens)	(Lumens m ²)
3000	657.90
4000	877.20
5000	1096.50
6000	1315.80
7000	1535.10
8000	1754.40
9000	1973.70
10,000	2193.00

Screen Size 3.0m Screen	
Viewing Area	3010mm x 1881mm
Aspect Ratio	16:10
Screen Area m ²	5.66
Projector Brightness Screen Brightness	
(Lumens)	(Lumens m ²)
3000	529.87
4000	706.49
5000	883.11
6000	1059.73
7000	1236.35
8000	1412.98
9000	1589.60
10,000	1766.22

Screen Size 3.5m Screen	
Viewing Area	3495mm x 2181mm
Aspect Ratio	16:10
Screen Area m ²	7.62
Projector Brightness Screen Brightness	
(Lumens)	(Lumens m ²)
5000	655.94
6000	787.13
7000	918.32
8000	1049.51
9000	1180.70
10,000	1311.89
12,000	1574.27
14,000	1836.64
16,000	2099.02

Screen Size 4.0m Screen	
Viewing Area	3985mm x 2487mm
Aspect Ratio	16:10
Screen Area m ²	9.91
Projector Brightness Screen Brightness	
(Lumens)	(Lumens m ²)
5000	504.51
6000	605.41
7000	706.31
8000	807.21
9000	908.11
10,000	1009.01
12,000	1210.81
14,000	1412.62
16,000	1614.42

Screen Size 4.5m Screen	
Viewing Area	4491mm x 2806mm
Aspect Ratio	16:10
Screen Area m ²	12.60
Projector Brightness Screen Brightness	
(Lumens)	(Lumens m ²)
5000	396.77
6000	476.12
7000	555.48
8000	634.83
9000	714.19
10,000	793.54
12,000	952.25
14,000	1110.96
16,000	1269.67

Screen Size 5.0m Screen	
Viewing Area	5080 x 2857
Aspect Ratio	16:10
Screen Area m ²	14.51
Projector Brightness Screen Brightness	
(Lumens)	(Lumens m ²)
5000	344.51
6000	413.41
7000	482.31
8000	551.21
9000	620.11
10,000	689.01
12,000	826.81
14,000	964.62
16,000	1102.42

HIGH BEAM MOUNTED PROJECTOR

practical | audio
visual



HIGH BEAM MOUNTED PROJECTOR

practical | audio
visual



TYPICAL PROJECTOR

practical | audio
visual



8000 Lumen Laser
Projector with a 3m
Screen in a **bright**
room

TYPICAL PROJECTOR

practical | audio
visual



8000 Lumen Laser
Projector with a 3m
Screen in a **medium**
lit room

TYPICAL PROJECTOR

practical | audio
visual



**10,000 Lumen
Laser Projector
with a 4m Screen in
a medium lit room**

TYPICAL PROJECTOR

practical | audio
visual



6500 Lumen Laser
Projector with a
3.5m Screen in a
dark room

PROJECTOR - BOOM ARM

practical | audio
visual



PROJECTOR - BOOM ARM

practical | audio
visual



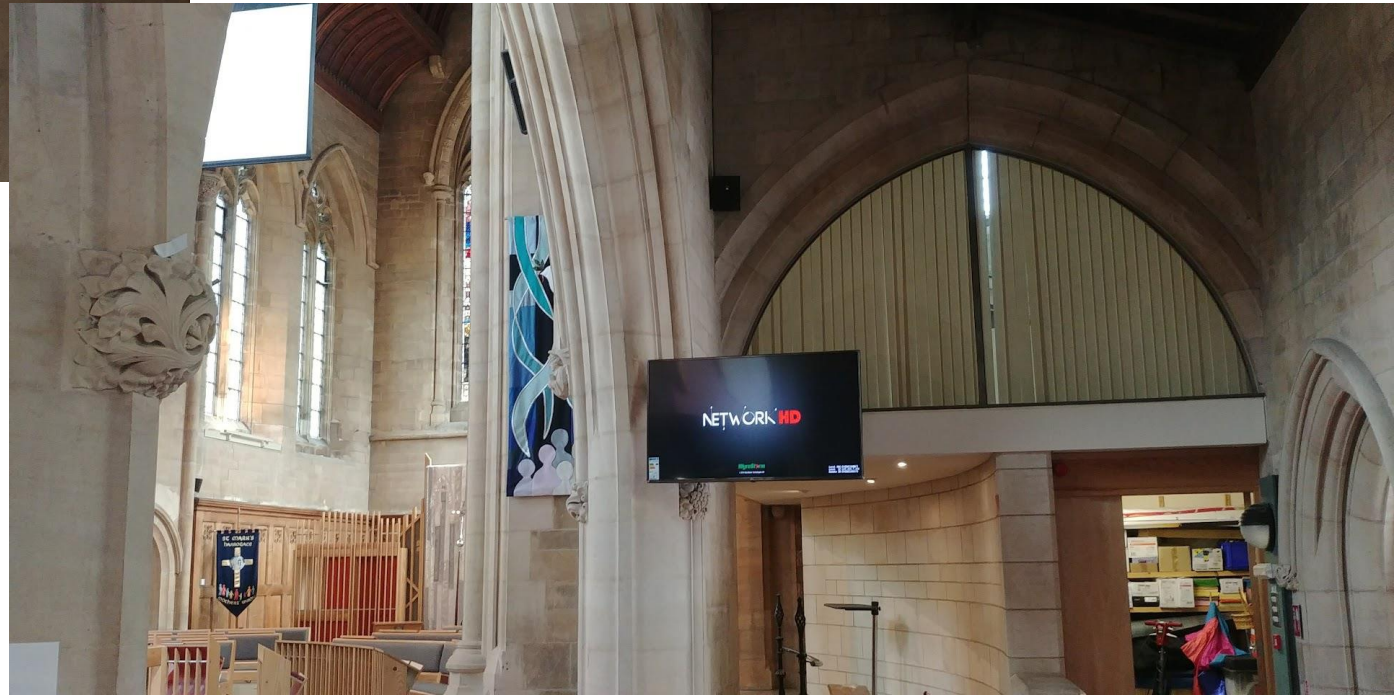
LED SCREENS

SCREEN SIZES

	1 Screen (mm)		2 Screens (mm)	
	Width	Height	Width	Height
55"	1244	726	2488	726
65"	1463	850	2926	850
75"	1693	978	3386	978
85"	1943	1118	3886	1118

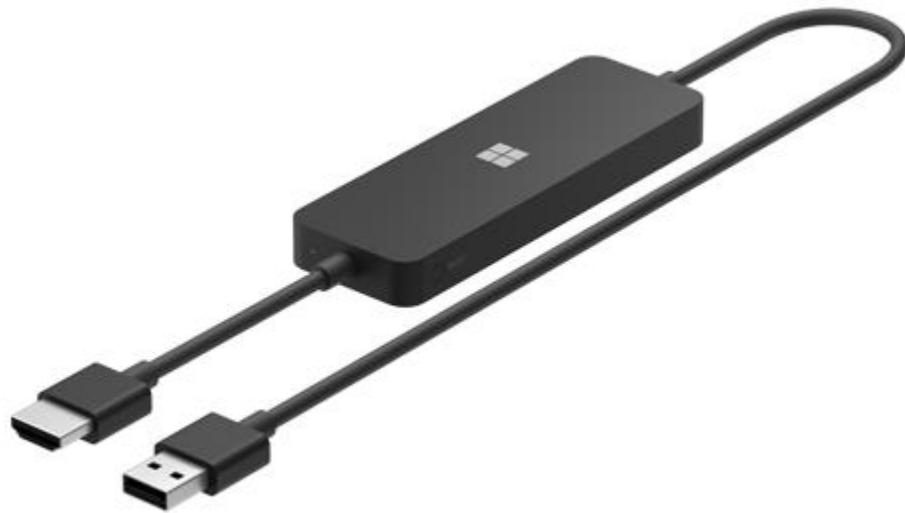
LED SCREENS

practical | audio
visual



Microsoft Wireless Display Adapter

Microsoft Wireless Display Adapter



Practical AV Demonstration

<https://www.youtube.com/watch?v=AzRotAS1qXM>

CONTROL SYSTEMS



Mid Range 6/8 Button Control Panel



Mid Range 6/8 Button Control Panel

RACK CABINETS

9U RACK CABINET

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visual

