VWM
PARTS LIST

Suitable for loads up to 50kg

REF	PART NAME	QTY
1	WALL MOUNT	1
2	INTERFACE ARM	2
3	HANDWHEEL	2
4	M8 x 40mm SCREW *(OPTIONAL)*	2
5	SPRING *(OPTIONAL)*	2
6	600mm ADAPTOR ARM	2
7	M6 x 16mm SCREW	4
INTERFACE KIT		
A	M6 x 16mm SCREW	4
B	M6 x 25mm SCREW	4
C	M8 x 16mm SCREW	4
D	M8 x 25mm SCREW	4
E	M8 x 40mm SCREW	4
F	M6 SPACER (FOR PART B)	4
G	M8 x 5mm SPACER (FOR PARTS A & C)	4
H	M8 x 13mm SPACER (FOR PART D)	4
I	M8 x 25mm SPACER (FOR PART E)	4
J	M6 WASHER (FOR PARTS A & B)	4

IMPORTANT: FIXING SCREWS ARE NOT INCLUDED WITH THIS PRODUCT.

IT IS HIGHLY RECOMMEND THIS PRODUCT BE INSTALLED BY A SUITABLY QUALIFIED PERSON. THE INSTALLER MUST BE SATISFIED THAT THE TYPE OF FIXINGS USED ARE SUITABLE FOR THE TYPE OF WALL THE PRODUCT IS TO BE MOUNTED TO. CARE MUST BE TAKEN AS TO WHERE THIS PRODUCT IS LOCATED AS SOME WALLS ARE NOT SUITABLE FOR INSTALLATION. WHEN DRILLING HOLES KNOWLEDGE MUST BE OBTAINED TO AVOID CONTACT WITH ANY ELECTRICAL CABLES AND/OR GAS AND WATER PIPES CONTAINED WITHIN THE WALL.

REPLACE SPRINGS (OPTIONAL)

To reduce the amount of force you have to apply to the screen to push to open /
push to close, replace the factory fitted springs with the lower tension springs (part 5).
This is recommended for LCD, LED and fragile screens.
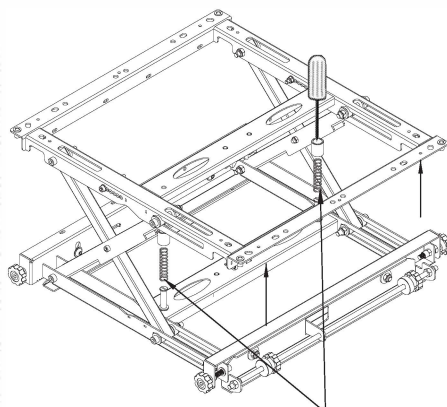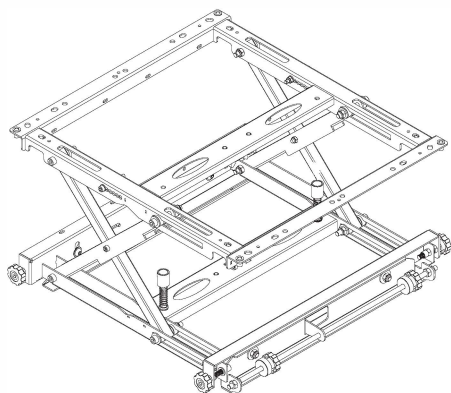
5 | REPLACE FACTORY
FITTED SPRINGS
WITH THE LOWER
TENSION SPRINGS
(PART 5)

REPLACE HANDWHEELS (OPTIONAL)

When the VWM is used with smaller screens, it is possible the handwheels will be
visible above the top of the screens. The handwheels (part 3) can be replaced with M8 x 40mm
screws (part 4) to avoid this if required.

HANDWHEEL

PLASTIC
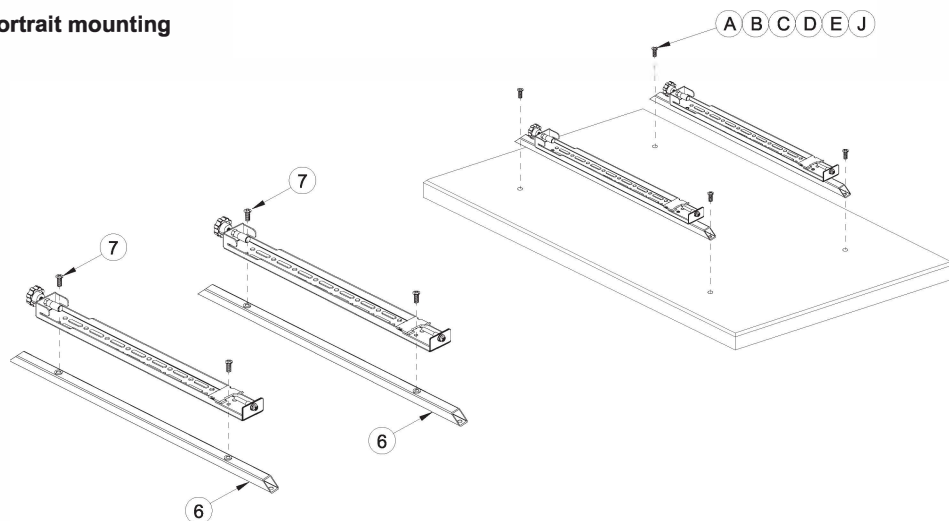ENDCAP
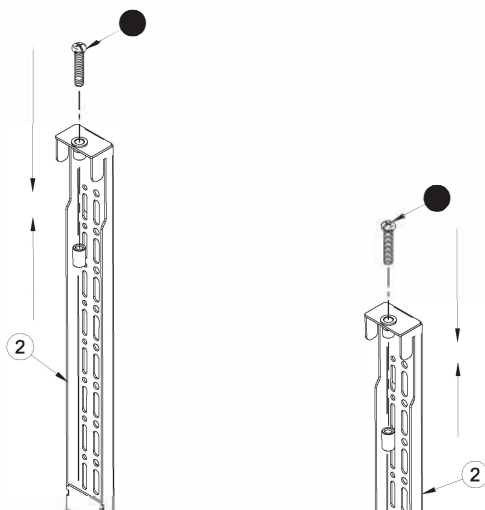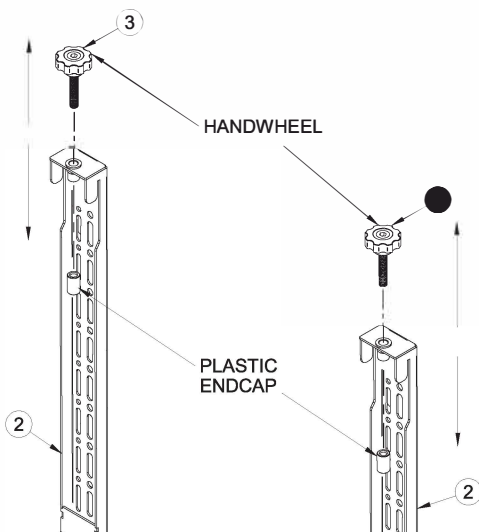
VESA 600 x 400mm INTERFACE ADAPTORS

The VWM interface arms (part 2) can mount screens with fixing patterns
from 200 x 200mm up to 400 x 400mm.
To mount flat screens with VESA 600 x 400mm fixings use the adapter arms (part 6).
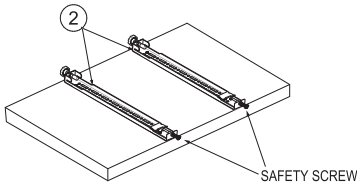
Landscape mounting.

Mount using the right side hole

Mount using the left side hole

A B C D E J
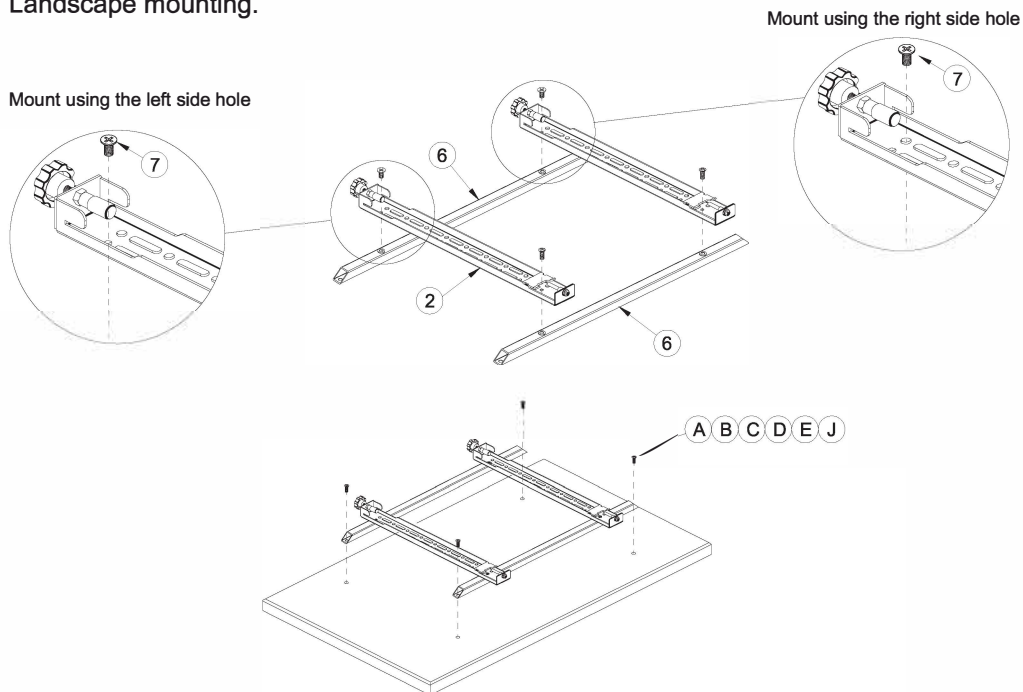
Portrait mounting

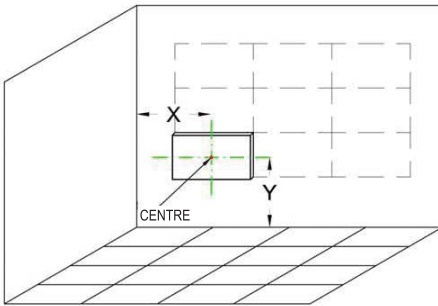A B C D E J

INSTALLATION INSTRUCTIONS

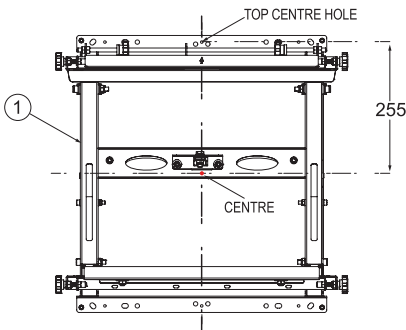**1** Attach the interface arms to the flat screen.

2

SAFETY SCREW

1.1 Completely loosen the two safety screws.

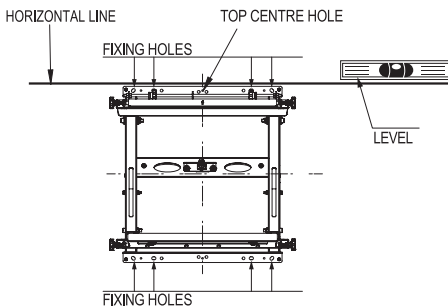1.2 Fix the interface arms (part 2) to the back of the flat screen interface kit using parts A - J.

2 Install the first mount.

X

Y

CENTRE

2.1 Determine the centre of the first flat screen at the bottom left.

TOP CENTRE HOLE

1

255

CENTRE

2.2 Mark 255mm up from centre to mark the top centre hole.

HORIZONTAL LINE   TOP CENTRE HOLE

FIXING HOLES

LEVEL

FIXING HOLES

2.3 Fix the wall mount to the wall (use the horizontal line as a guide), using the fixing holes with suitable wall fixings (not supplied).

| 3	Mounting Spacer Kits.	For quick and easy installation of the video wall mounts, it advised that a mounting spacer kit is used (not included). A different kit is required for each different flat screen size.
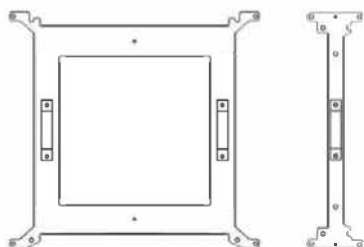
SCREEN SIZE	SCREEN DIMENSIONS	SPACER
42"	961 x 555mm	VWM-SP422/N
42"	966 x 559mm	VWM-SP423/N
46"	1022 x 576mm	VWM-SP464/N
46"	1024 x 576mm	VWM-SP461/N
46"	1026 x 580mm	VWM-SP461/N
46"	1026 x 578mm	VWM-SP461/N
46"	1030 x 585mm	VWM-SP462/N
46"	1056 x 612mm	VWM-SP463/N
47"	1045 x 590mm	VWM-SP471/N
47"	1047 x 592mm	VWM-SP471/N
47"	1080 x 625mm	VWM-SP472/N
49"	1077 x 607mm	VWM-SP491/N
55"	1215 x 686mm	VWM-SP551/N
55"	1211 x 682mm	VWM-SP554/N
55"	1222 x 693mm	VWM-SP552/N
55"	1248 x 719mm	VWM-SP553/N
60"	1336 x 755mm	VWM-SP601/N

Example of landscape flat screen mounting with spacers.

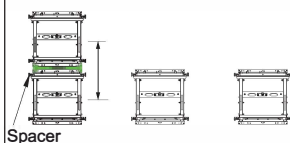i. Always start from the bottom corner of the video wall configuration.
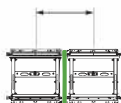
ii.

Spacer

iii.

iv.
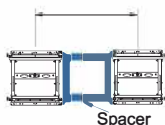
Spacer

v.

vi.

Example of portrait flat screen mounting with spacers.

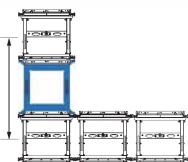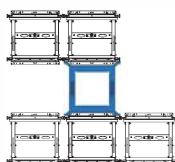Always start from the bottom corner of the video wall configuration.

i.

ii.

iii.

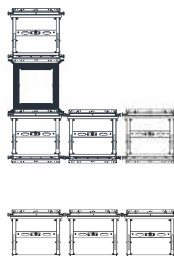iv.

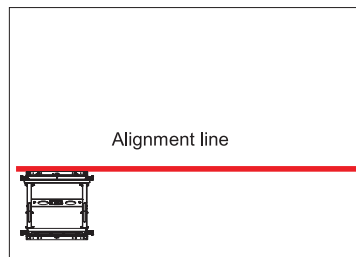v.

vi.
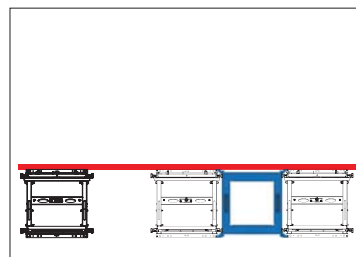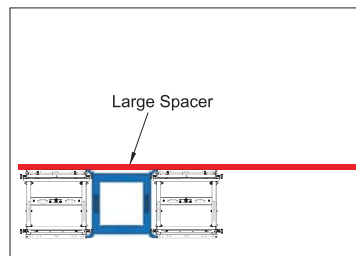
4   Installation and alignment of the additional mounts.

4.1   Once the first wall mount has been installed, draw a horizontal alignment line or use a laser level to get the alignment line as shown.

Alignment line

Large Spacer

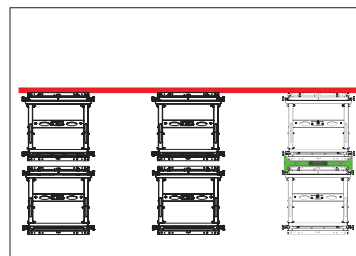4.2   Using the large spacer, place the second wall mount as shown whilst being careful to keep on the alignment line.

Repeat this step to mount the additional wall mounts on this row.
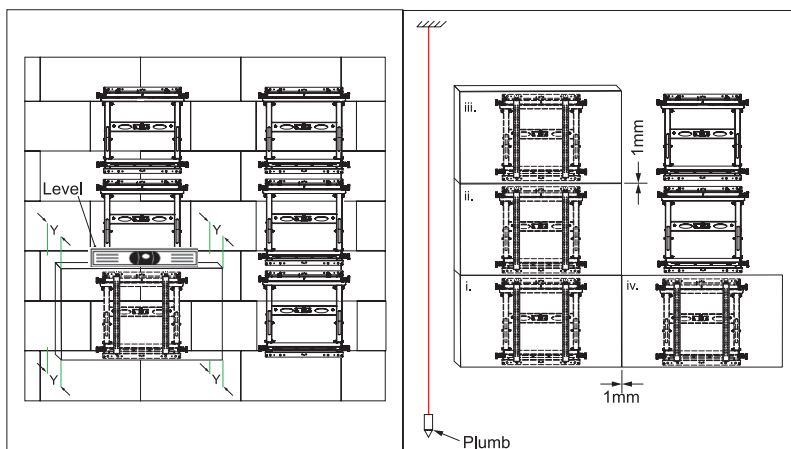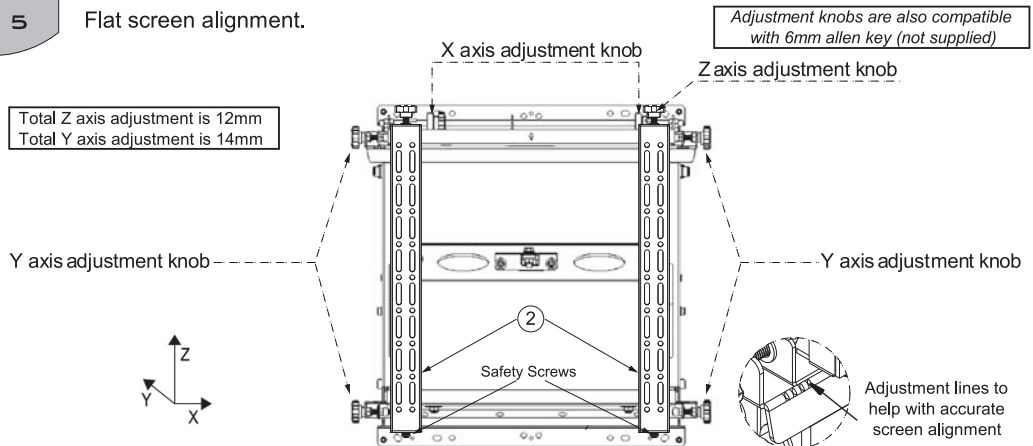
Alignment line

Small Spacer

4.3   Using the small spacer, place the first wall mount of the next row.

Draw another horizontal alignment line or use a laser level to get the alignment line as shown.

Mount the additional wall mounts.

Adjustment knobs are also compatible with 6mm allen key (not supplied)

X axis adjustment knob

Z axis adjustment knob

Total Z axis adjustment is 12mm
Total Y axis adjustment is 14mm

Y axis adjustment knob

Y axis adjustment knob

②

Safety Screws

Z
Y
X

Adjustment lines to help with accurate screen alignment

Level

Y

Y

Y

Y

iii.

ii.

i.

iv.

1mm

1mm

Plumb
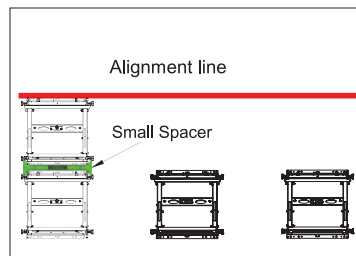
5.1 Hook the first flat screen onto the bottom left wall plate first. keep the x axis knobs between the middle of the two interface arms (part 2).

Ensure the bottom interface arm hooks are on properly.
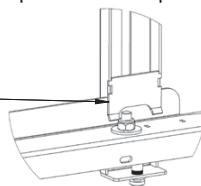
5.2 Check the horizontal centre of the flat screen is aligned with the horizontal centre of the wall mount.

5.3 Using a level, align the flat screen parallel to the floor using the Z axis adjustment knobs.

5.4 Use the Y axis knob to ensure that each corner of the flat screen is equidistant from the wall.

5.5 Use a plumb to align the first column of flat screens and leave at least a 1mm gap between them.

5.6 Hook on the remaining flat screens leaving at least 1mm gap between them.

5.7 When the monitors are all positioned correctly, tighten the safety screws which were previously loosened.

5.8 Fix cables using the cable fixing holes and cable ties if required.

Cable fixing holes
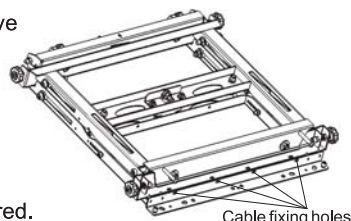
6 Servicing the flat screens.

6.1 To service the flat screen, push the screen and the mount will release and move out from the wall. Be careful not to damage the screen when pushing. Keep hold of the screen as it moves outwards.
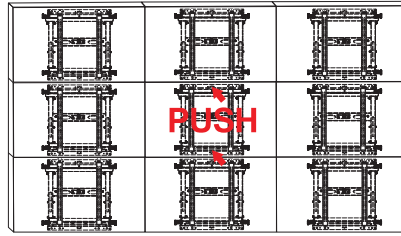
PUSH

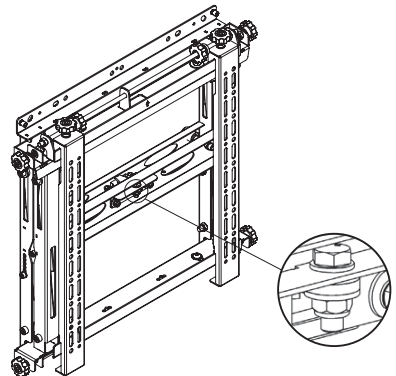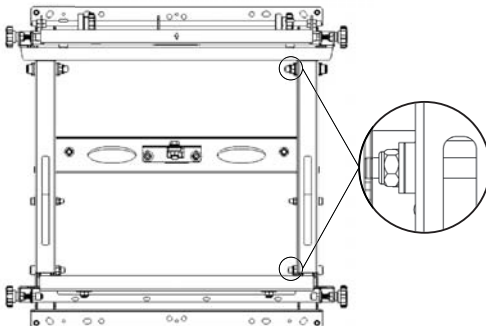Push central at the top and bottom of the screen on the bezel.

6.2 Screen shown in the service position.

6.3 When servicing is complete, push the screen back and click into place.
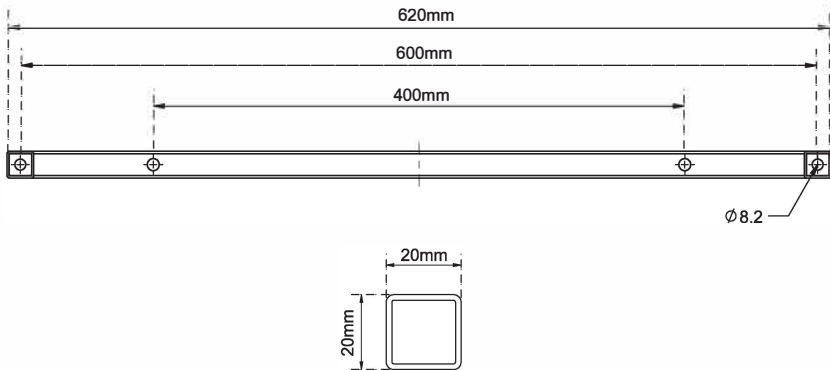

Optional: Adjustments can be made to ensure these parts move freely. If overtightened it will negativley affect the pop-out function of the product.
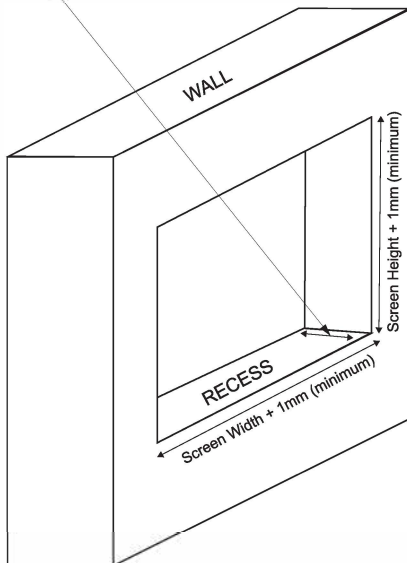
VWM
PRODUCT DIMENSIONS

600mm Adaptor Arm

620mm
600mm
400mm

Ø8.2

20mm
20mm

RECESS MOUNTING

Depth of recess = 97mm* + Depth of screen
*Add 20mm if 600mm adaptor arms are used

WALL

Screen Height + 1mm (minimum)

RECESS

Screen Width + 1mm (minimum)

FIT ADDITIONAL AV EQUIPMENT

There are two available spaces for AV equipment /
media players to be fitted within the mount.

130mm
70mm
365mm

AV EQUIPMENT / MEDIA PLAYER
SHOWING MAXIMUM DIMENSIONS

175mm
70mm
375mm

AV EQUIPMENT / MEDIA PLAYER
SHOWING MAXIMUM DIMENSIONS

TOP

BOTTOM