Note: Any static or dynamic graphic image, whether in structural support or freestanding, whose main purpose is to promote other brands, companies or products, related or not to the event, will be considered advertising and will be subject to the application of the corresponding advertising rate.
Screens called south are facing south entrance
A is for left side, B is for right side when screens are side by side
Scala - Remotely managed digital displays

Real time communication

**Multiscreen**
Multiscreen within a single screen with independent signals from sources such as images, videos or event webpages. We can work on the design of this multi-screen advising about the layout that meet your needs, the resolution of the screens and duration of the multiple signals.

**Real time data**
Addition of real time data into a frame of the multiscreen. For example, this allows to show simultaneously weather forecast, taxi ranks current lines and social media. Please contact us for further information.

Example

- Logo
- Sponsor
- Weather
- Programme
- Transportation
Circular Led (1 unit)

Accepted format: JPG (RGB) or MP4 (30 or 60 fps)
Sound available
Resolution 26240px x 384px

Pixel pitch: 3.9mm
Total pixels: 10,076,160
Total resolution: 26,240px x 384px
Dimensions: 104 m x 1.5 m
Max bitrate: 10,000

1 X PC NEXCOM ALB385-S Chip: Intel Core i3-6100U Memory: 8 Gb DDR3L Graphic: Intel Integrated HD 520

Always bear in mind that the LED is Circular, hence you need to prepare a loop file and think about the stitching. Make sure your content doesn’t move fast and thin elements nor fonts are used.

200-GVHE_LED_CIRCULAR
Total Resolution: 26,240 X 384 px

Use the template supplied by Fira in order to render separately two compositions (Left & Right), each one at 3,840 X 2,160. All files are located here.

It is a loop, not a horizontal banner. “Start” meets “End” on the diagram below.

Try to make subtle and smooth animations. Few centimeters on a computer screen might mean several meters on-site. It all depends on what you want to achieve, but bear in mind that it might make visitors dizzy and confused.

Try working with graphics and assets that are not ultra thin. Though the resolution is very detailed, thin elements can be a source of problem.

Try not to exceed 45 seconds. Shorter videos are more effective in this device.

Use 30fps or 60fps for videos. Maximum bitrate 10,000
SOUTH ACCESS LEADING TO HALL 2 DOUBLE PROJECTION

Laser Projector (2 units) Level 0
Accepted format: JPG (RGB) or MP4 (30 or 60 fps). Sound available
Resolution 1920 x 1080
Screen Dimensions: (4.20 m x 2.30 m) x 2

Projectors Luminosity: 7000 lumens
Aspect Ratio: 16:10
2 PC NEXCOM ALB385 Chip: Intel Core i3-6100U Memory: 8 Gb DDR3L Graphic: Intel Integrated HD 520
SOUND: Sound available
LED Screen (1 unit) Level 0
Accepted format: JPEG (RGB) or MP4 (30 or 60 fps). Sound not available
Resolution: 5120 x 960 px
Screen Dimensions: (12.8 X 2.4 m) x 1

Pixel Pitch: 2.5mm.
SOUND: Sound not available
TRAULUX QFIX DA3125, LED Traulux Qfix
Intel Core i7-11700H - 16 GB Total RAM - 1 TB SSD - NVIDIA GeForce RTX 3060 GB
LED Screen (1 unit) Level 0
Accepted format: jpg (RGB) or mp4 (30 or 60 fps). Sound not available
Resolution 4096 x 960 px
Screen Dimensions: (10.4 x 2.4 m) x 1

Pixel Pitch: 2.5mm.
SOUND: Sound not available
TRAULUX QFIX DA3125, LED Traulux Qfix
Intel Core i7-12700H - 16 GB Total RAM - 1 TB SSD - NVIDIA GeForce RTX 3060 GB
SOUTH ACCESS LEADING TO WALKWAY  DOUBLE PROJECTION

Laser Projector (2 units) Level 1
Accepted format: JPG (RGB) or MP4 (30 or 60 fps). Sound available
Resolution 1920 x 1080 px
Screen Dimensions: (4.70 m x 2.60 m) x 2

Projectors Luminosity: 6000 lumens
Aspect Ratio: 16:10
2 PC NEXCOM ALB385 Chip: Intel Core i3-6100U Memory: 8 Gb DDR3L Graphic: Intel Integrated HD 520
Hall 2 Walkway welcome LED Screen (1 unit)

- Accepted format: JPG (RGB) or MP4 (30 or 60 fps). Sound available
- Resolution: 1920 x 384px
- Screen Area Dimension: 7.5 m x 1.5 m
- Pixel pitch: 3.9mm
- SMD 2121 Black Body LED
- LED Absen

1 PC NEXCOM ALB385 Chip: Intel Core i3-6100U Memory: 8 Gb DDR3L Graphic: Intel Integrated HD 520
METRO TUNNEL WALL PROJECTION SCREENS

8 PROJECTORS (2 GROUPS OF 4)
Accepted format: JPG (RGB) or MP4 (30 or 60 fps). Sound available
Resolution 1600 x 1200px (X 8)
Total dimension: 12.80 m x 2.40 m each group
(each projection 3.20 m x 2.40 m), no blending nor synch available.

One sound source per group

Projectors: 6.000 lumens
8 PC NEXCOM ALB385 Chip: Intel Core i3-6100U Ram : 8Gb Graphic: Intel Integrated HD 520
METRO STATION WALL LED SCREENS

Accepted format: JPG (RGB) or MP4 (30 or 60 fps). Sound available
3 LED Plasma Screens (55”)
Resolution 1920 px X 1080 px
Dimension: 1.23 m X 0.71 m

Contrast: 5,000 :1
3 PCs
Graphics: Intel HD Graphics 4000
Chip: Intel Core i5 3427U CPU 1.80Ghz RAM: 4 GB
HALL 2 HANGING PROJECTION SCREENS

(centered- double sided)
Accepted format: JPG (RGB) or MP4 (30 or 60 fps). Sound available
Resolution 1920 X 1080px each screen
ScreenDimensions: (4.90 m x 3.60 m) x 4
Total Dimension: (9.80 m x 3.60 m) x 2 sides
No blending nor synch available.

Projectors Luminosity: 9000 lumens OPTOMA DZ9000
4 PC NEXCOM ALB385 Chip: Intel Core i3-6100U Memory: 8 Gb DDR3L Graphic: Intel Integrated HD 520
HALL 2 PROJECTION SCREENS

(centred- double sided)
Accepted format: JPG (RGB) or MP4 (30 or 60 fps). Sound available
Resolution 1600 x 1200 px
Screen Dimensions: (4.90 m x 3.60 m) x 4
Total Dimension: (9.80 m x 3.60 m) x 2 groups

Projectors Luminosity: 9000 lumens OPTOMA DZ9000
AspectRatio: 4:3
4 PC NEXCOM ALB385 Chip: Intel Core i3-6100U Memory: 8 Gb DDR3L Graphic: Intel Integrated HD 520
HALL 3 HANGING PROJECTION SCREENS

(against wall - single sided)
Accepted format: JPG (RGB) or MP4 (30 or 60 fps). Sound available
Resolution 1600 x 1200 px
Screen Dimensions: (4.90 m x 3.60 m) x 4
Total Dimension: (9.80 m x 3.60 m) x 2 groups

Projectors Luminosity: 9000 lumens OPTOMA DZ9000
AspectRatio: 4:3
4 PC NEXCOM ALB385 Chip: Intel Core i3-6100U Memory: 8 Gb DDR3L Graphic: Intel Integrated HD 520
TFT SCREENS 55" HORIZONTAL (44 UNITS)

Accepted format: JPG (RGB) or MP4 (sound available, from one source recommended)
Resolution 1920 X 1080 px
Dimension 1.209 m X 0.681 m each
Side by side 2.418 m X 0.681 m (11 groups, 22 sides)
AspectRatio: 16:9
LG 55SE3KB-B.AEU
2 PC NEXCOM ALB385 Chip: Intel Core i3-6100U Memory: 8 Gb DDR3L Graphic: Intel Integrated HD 520
To prevent overlapping, it is recommended that only one of the projections is the source for the audio.
WATCHOUT MULTIDISPLAY
Accepted format: JPG (RGB) or MP4 (30 or 60 fps). Sound available
8 projectors overlapped 20% each (1024px X 768 px) X 8
Total 6760 px X 768 px
Format: JPG (RGB) MP4 for VIDEO
Total dimension: 31.30 m X 4 m
Sequential or Random order
Briefing required for any animation or effect.

Projectors: OPTOMA ZU650 6.000 lumens
Dell Precision Tower 3620
GraphicCard: PNY NVIDIA NVS 810
Chip: Intel Xeon CPU E3 3,5Gb
RAM: 8Gb
The content creation is via SCALA DESIGNER software.

MP4 files (max 4096 x 464) need to be rescaled using our equipment to reach the watchout resolution of 6760 x 768. As we do not recommend rescaling:
Option 1: Send us a video split into 2 parts (Part A & Part B - each one of 3380 x 768), it will be stitched together using our equipment.
Option 2: One MP4 video of 4096 x 464 px and we will rescale it.
If you change the FPS of any comp, please remember to apply it to all 3 compositions.
For JPG images send us 6760 x 768 still pictures.
Use the After effects template supplied by Fira. The template is designed so you can render a 6760 x 768 composition divided into two separate videos (Part A & Part B). That means that you send us two MP4 videos each one of 3380 x 768. In our content manager software we “stich” both videos to create a single one with 6760 x 768.

As currently MP4 videos can not be created at a resolution beyond 4096 px, we use the template to break videos in two, then stitching them together via software management. For images the template is not necessary. Images can be 6760 x 768 px.
LED SCREEN (1 unit)

Accepted format: JPG (RGB) or MP4 (no sound available)
Resolution 2352 x 336 px
Size 7m x 1m
In all Conference Centers you can use templates for creating content faster and adapted to the size and resolution of these screens.

Please contact us to get a link to the template.
CCI ROOM ENTRANCES

CCI ROOMS WELCOME SCREENS
(4 units, rooms 1.1, 1.2, 1.3 and 1.4)
Accepted format: JPG (RGB) or MP4 (30 or 60 fps). Sound available
1920 X 1080 px

Screen dimensions: 23.6”
AspectRatio: 16:9
Operating System: Windows Embedded 64 bits
PC Nexcom ALB385
Chip: Intel Core i3-6100u
Graphic: Intel Integrated HD520
Ram: 8Gb
CC3 ROOM ENTRANCES AND COMMON AREAS

CC3 ROOMS WELCOME SCREENS (8 UNITS)

4 X 40” screens on columns common areas
3 X 32” in front of rooms 3.11, 3.13 and 3.14
1 X 23” before rooms 3.15 to 3.17

Accepted format: JPG (RGB) or MP4 (30 or 60 fps). Sound available

Resolution: 1920 X 1080 px

AspectRatio: 16:9
Operating System: Windows Embedded 64 bits
PC Nexcom ALB385
Chip: Intel Core i3-6100u
Graphic: Intel Integrated HD520
Ram: 8Gb
CC4 WELCOME SCREENS (1 UNIT)

1 X 40" screen on column common areas
Accepted format: JPG (RGB) or MP4 (30 or 60 fps). Sound available
1920 X 1080 px
AspectRatio: 16:9
Operating System: Windows Embedded 64 bits
PC: Nexcom ALB385
Chip: Intel Core i3-6100u
Graphic: Intel Integrated HD520
Ram: 8Gb
CC4 ROOM ENTRANCES

CC4 ROOMS WELCOME SCREENS (5 UNITS)

1 X 32” in front of room 4.1
4 X 23” in front of rooms 4.2, 4.3 and aisle leading to rooms 4.5 and 4.6, and aisle leading to room 4.4.
Accepted format: JPG (RGB) or MP4 (30 or 60 fps). Sound available

1920 X 1080 px
AspectRatio: 16:9
Operating System: Windows Embedded 64 bits
PC Nexcom ALB385
Chip: Intel Core i3-6100u
Graphic: Intel Integrated HD520
Ram: 8Gb
CC5 WELCOME SCREENS (1 UNITS)

1 X 40” screen on column common areas
Accepted format: JPG (RGB) or MP4 (30 or 60 fps). Sound available
Resolution: 1920 X 1080 px

AspectRatio: 16:9
Operating System: Windows Embedded 64 bits
PC Nexcom ALB385
Chip: Intel Core i3-6100u
Graphic: Intel Integrated HD520
Ram: 8Gb
CC5 ROOMS WELCOME SCREENS (3 UNITS)

3 X 32" in front of rooms 5.1, 5.2 and 5.3
Accepted format: JPG (RGB) or MP4 (30 or 60 fps). Sound available
Resolution: 1920 X 1080 px

AspectRatio: 16:9
Operating System: Windows Embedded 64 bits
PC: Nexcom ALB385
Chip: Intel Core i3-6100u
Graphic: Intel Integrated HD520
Ram: 8Gb
Accepted format: JPG (RGB) or MP4 (30 or 60 fps). Sound not available.

Projection dimensions might vary depending on the optics of each projector.
Projection dimension recommended: 5.30 m x 3m
Fixed distance from projector: 15.30m
Total dimensions of wall: 9.30m x 4.90m

PC Nexcom ALB385
Chip: Intel Core i3-6100u
Graphic: Intel Integrated HD520
Ram: 8Gb
Windows Embedded 64 bits
WELCOME SCREEN

CC7 ENTRANCE SCREEN

Accepted format: JPG (RGB) or MP4 (30 or 60 fps). No sound available
Resolution: 1008 x 504 px
Dimensions: 3 X 1.5 m
Pixel pitch: 2.9 mm
PC Player: Nexcom ALB385

Fira Barcelona
CC7 AISLE SCREEN

CC7 40" SCREEN

Accepted format: jpg (RGB) or MP4 (30 or 60 fps). Sound available
Resolution: 1920 x 1080 px

PC: Nexcom ALB385
Chip: Intel Core i3-6100u
Graphic: Intel Integrated HD520
Ram: 8Gb
Windows Embedded 64 bits
Welcome Façade Screen

**CC8 Welcome Screen (4 x 2.5m)**

- Accepted format: JPG (RGB) or MP4 (30 or 60 fps). Sound not available.
- Resolution: 1536 x 960 px
- Aspect Ratio: 16:9
- Pixel pitch: 3.91
- Operating System: Windows Embedded 64 bits
- Processor: Intel Graphic 520
- Graphic Card: Intel I3-6100 2.3
- RAM Memory: 8GB
CC8 WELCOME SCREENS

(45 units 23.6” on both levels + 1 x 60” at entrance)

Accepted format: JPG (RGB) or MP4 (30 or 60 fps). Sound available

Resolution: 1920 X 1080 px

AspectRatio: 16:9

Operating System: Windows Embedded 64 bits

Processor: Intel Celeron Dual CPU 847 1.10 GHz

Graphic Card: Intel HD Graphics

RAM Memory: 2GB