



MRI COMPATIBLE PROJECTOR

FS/MRI/EL/AD/MOD- 0124



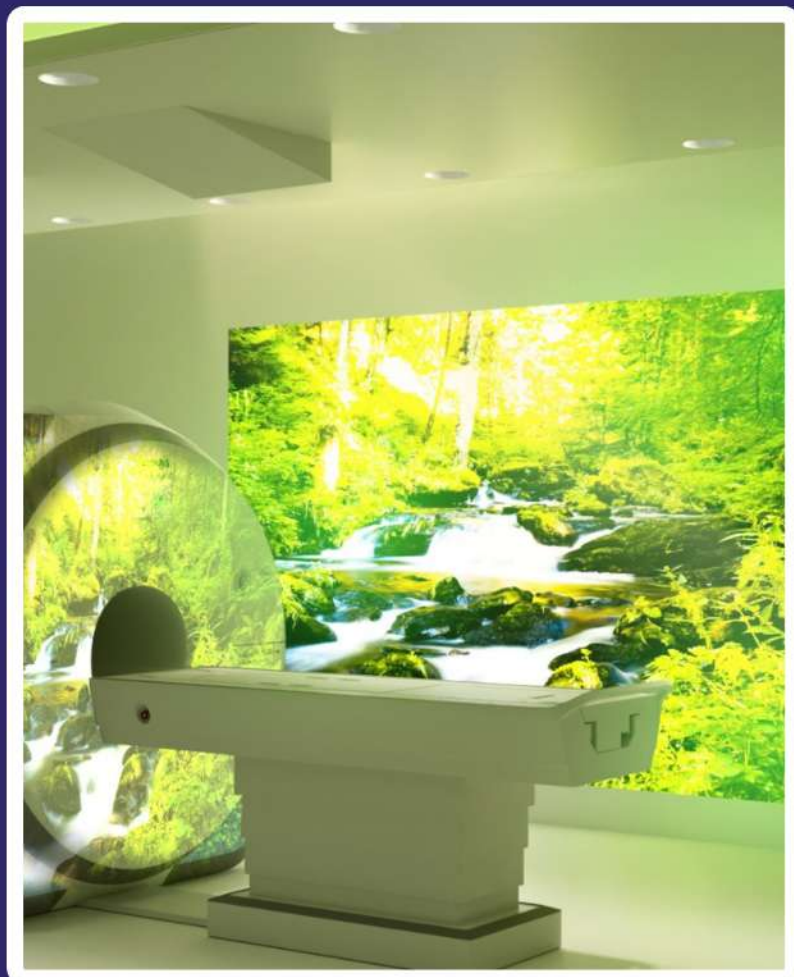
FRANK SHIELDS

MRI COMPATIBLE PROJECTOR

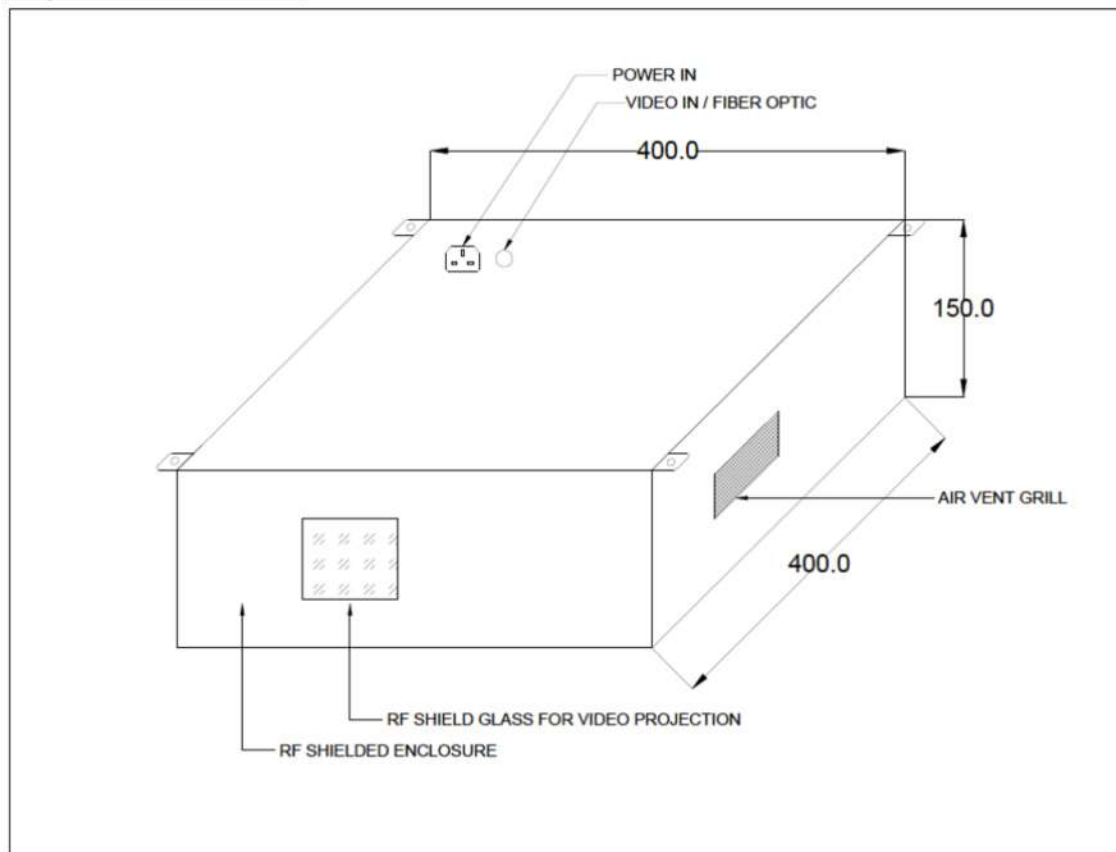
Frank shields have developed MRI compatible projectors; which can work in sensitive MRI suites. There are two versions of projectors the wide throw projector that can mount on the wall and the long throw projector, which is mounted at a far distance from the display wall. The customer can choose the projector based on the layout of the site. The projector is enclosed in an RF free non-magnetic casing and designed to install at a minimum distance of 2 meters from the magnet Iso-center. The projector has a converter to receive digital voice/video data from a fiber optic cable with in-built power supply and is powered up from the 230 V single phase power supply in the MRI room. An HDMI video/audio input signal is fed to the converter installed in the console room and it drives the fiber optic cable, which is routed through the wave-guide and communicates with the projector.

STANDARD COMPONENTS OF THE FRANKS SHIELDS MRI COMPATIBLE PROJECTOR INCLUDES THE FOLLOWING

- MRI compatible Projector (wide or long)
- Fiber Optic cable 20 m
- Standard 230-v power cable 2m with British pin.
- HDMI to Fiber Optic Media converter
- Power supply for the HDMI converter.



Physical Dimensions



PROJECTOR SPECIFICATIONS

CASIO Lamp Free Advanced series XJ-F210WN

Display

- Technology: 0.65" DLP® chip (WXGA)
- Resolution: 1,280 x 800 pixels (WXGA)

Picture

- Contrast: 20,000:1
- Color depth: up to 1.07 billion (full color)

Illumination technology

- Type: Laser and LED hybrid technology
- Service life: up to 20,000 hours
- Brightness: 3,500 lm

Projection lens

- Technology: 1.5x optical zoom
- Projection ratio (viewing distance: width): 1.32–1.93:1
- Offset: 33 % • Min. Distance: 0.92 m
- Focus: manual

Projection

- Size of the projection screen: 35" (0.89 m) to 300" (7.62 m)
- Viewing distance 60" screen: 1.64 m to 2.42 m
- Viewing distance 100" screen: 2.81 m to 4.11 m

Keystone correction

- Vertical (manual/automatic): + 30°/ ± 30°

Interfaces

- Digital input: HDMI port Vertical (manual/automatic): + 30°/ ± 30°

Audio system

- 16 w monaural speaker

Advanced features

- Internal memory (media player): approx. 2 GB
- Other: direct power on, direct power off, rear projection, freeze, blank screen, ceiling mounting (4x m4), digital zoom (2x), presentation timer, passwordprotected turning on

Included with product

- IR remote control: YT-141
- Other: batteries, mains cable, warranty card

General

- Dimensions (W x H x D): 299 x 97 x 299 mm
- Weight: 3.8 kg
- Casing/color: white
- Operating temperature: 5–35°C

Computer compatibility

- Max. Resolution (compressed): computer: 1,920 x 1,200 pixels (WUXGA), digital input: 1,920 x 1,080 pixels (Full HD 1080p)

Operating noise

- Light control on (1–7): 29–35 dB • Light control off (normal/bright): 36 dB/39 dB

Energy consumption

- Light control on (light output 1–7): 85–165 W
- Light control off (normal/bright): 175 w/205 W
- Standby: 0.23 W

Warranty:

1. When used for less than 12 hours per day: projector: three years
light source: five years or 10,000 hours
2. When used continuously for more than 12 hours per day
projector: two years light source: two years or 6,000 hours

MRI
AMBIANCE
SYSTEM





FRANK SHIELDS

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