Extend a VGA display, stereo audio speakers and RS232 up to 6.2 miles (10 km)

- Signal transmission via single-strand LC fiber optic cable - no RF interference.
  - Using singlemode 9-micron cable, extend to 6.2 miles (10 kilometers).
  - Using multimode 50-micron or 62.5-micron cable, extend to 1,640 feet (500 meters).
- Supports local and remote VGA monitors.
- Supports computer resolutions to 1920x1080.
- Supports stereo audio speakers.
  - Can be used as an audio-only extender.
- Plug and play functionality – no software needed.
- Low RFI/EMI for sensitive applications.
- Built-in default EDID table.
- Supports the DDC2B protocol.
- Cables can be installed in conduit prior to extender installation.

**Local Unit**
- Supports a PC, SUN, or MAC with VGA video.
- Supports resolutions to 1920x1080 at 60 Hz
- One female 15-pin HD connector for computer connection
- One female 15-pin HD connector for local VGA monitor.
- One female 3.5mm stereo audio jack.
- 3-pin screw terminal for RS232.
- One simplex LC fiber optic port for sending video/audio signals and DDC signal.

**Remote Unit**
- Resolutions supported by EDID table: 1920x1080, 1280x1024, 1280x768, 1280x720, 1024x768, and 800x600 @ 60Hz.
- One female 15-pin HD connector.
- One female 3.5mm stereo audio jack.
- 3-pin screw terminal for RS232.
  - Self-adaptive baud rate.
- One simplex LC fiber optic port for sending video/audio signals and DDC signal.

**Power**
- Local and remote unit:
  - Input: 100 to 240 VAC at 50 or 60Hz via AC adapter.
  - Output: 12VDC, 1A
- Power consumption: 6W max.

**Specifications**

**Environmental**
- Operating temperature: 23 to 158°F (-5 to 70°C).
- Operating and storage relative humidity: 5 to 90% non-condensing RH.

**Dimensions**
- WxDxH (in): 6.06x4.53x0.99 (154x115x25 mm)

**Warranty**
- Two years

**Max Distance**
- 6.2 miles (10 km) over 9µm singlemode LC fiber optic cable.
- 1,640 feet (305 meters) over 50µm or 62.5µm multimode LC fiber optic cable.

**Cables**
- Use a simplex LC singlemode 9-micron fiber optic cable to extend the receiver from the transmitter up to 6.2 miles (10 km).
- Use a simplex multimode LC 50-micron or 62.5-micron fiber optic cable to extend the receiver from the transmitter up to 1,640 feet (500 meters).
- Cables not included.

**Package Includes**
- One transmitter unit
- One receiver unit
- Two SFP modules for fiber connection
- Two power supplies
- User manual
Extend a VGA display, stereo audio speakers and RS232 up to 6.2 miles (10 km)

Configuration and Cable Illustrations

VGA Extender via One LC Singlemode Fiber Optic Cable

XTENDEX®

Connect a VGA display, stereo audio speakers and RS232 up to 6.2 miles (10 km) using a single LC singlemode fiber optic cable.

- **Local VGA Monitor**
- **Remote VGA Monitor**
- **AC Adapter**
- **Simplex LC Fiber**
- **ST-FOVARS-LC (Local Unit)**
- **ST-FOVARS-LC (Remote Unit)**

**Cable Illustrations**

- Orange line: Singlemode Fiber up to 6.2 Miles
- Pink line: Multimode Fiber up to 1,640 Feet
- VEXT-xx-MM

**Diagram Details**

- VGA Computer
- Local VGA Monitor
- Remote VGA Monitor
- Simplex LC Fiber
- ST-FOVARS-LC (Local Unit)
- ST-FOVARS-LC (Remote Unit)
- AC Adapter

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