



FiberLink® 1302 Series



**TwinSplit®, QuadSplit®, HexiSplit®,
OctoSplit®, DeciSplit® for VGA**

**Installation and Operations
Manual**

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Welcome

Thank you for purchasing this fine distribution amplifier (splitter) for VGA-based computers. Depending on which model you purchased, this splitter will allow you to display your VGA computer video on up to 10 monitors simultaneously. Each monitor can be located up to 250 feet away from the computer.


Features

- 300 MHz bandwidth
- Supports H & V sync, composite sync, sync-on-green, syncon-RGB and 75 ohm sync loads.

Package Contents

- 1 TwinSplit, QuadSplit, HexiSplit, OctoSplit or DeciSplit for VGA
- 1 6 ft. input VGA cable
- 1 Power Supply (a power cord may also be included on all models except North American TwinSplit and QuadSplit models)
- 1 User's Manual and Product Registration card

Installation Instructions

1. Connect the provided 6 ft. VGA cable to both the VGA output of the computer and the connector on the rear of the splitter marked VGA IN. (If your VGA monitor is currently connected to the VGA output of the computer, you must first disconnect it.)
2. Connect your primary monitor (the one you just disconnected) to the output on the rear of the splitter marked MONITOR 1.
3. Connect the additional monitor(s) to the remaining monitor outputs on the rear of the splitter. Monitor extension cables (CAB-19) may be used to extend the distance up to 250 feet. (See Cable Length Support section on opposite page.)
4. Plug the power supply into the jack on the rear of the splitter marked POWER.
5. Plug the power supply into a 110 Vac or 220 Vac wall outlet as appropriate. The front panel LED should glow red indicating the unit is properly powered.
6. Turn on the computer and the monitor(s). All monitors will now display the computer's output.
7. *Make sure all monitor type DIP switches are in the UP  position. This will ensure that the monitor ID bits are read from the monitor plugged into MONITOR 1. If you want to explicitly set the monitor type ID bits, either because no monitor is plugged into this output or because the monitor plugged into MONITOR 1 is connected through an extension cable that does not convey the monitor ID bits, then set the DIP switch as indicated on Chart 1.*

Cable Length Supported:

The maximum distance a monitor can be from the splitter output will depend on the quality of the extension cable being used and the pixel resolution of the VGA image coming from the computer. *Never use twisted pair cable for monitor extension cable as this will cause "ghosting" to be seen on the monitor.* Chart 2 lists maximum cable length support of Artel's CAB-19 cable at various VGA resolutions.

Troubleshooting

If one or two colors are missing on one of the VGA monitors, make sure all connections to the splitter are secure by tightening the connectors. If you experience any other difficulties or have further questions, we provide free technical support Monday through Friday, 8:30-5:00 ET, at (978) 263-5775.

CHART 1

1	2	3	4	Monitor Type
↓	↑	↓	↑	Color VGS and XGA
↓	↓	↑	↑	Monochrome VGA
↑	↑	↓	↑	8514/A Type

Note: For XGA-2 type monitors and other intelligent monitors, place ALL switches UP to ensure the monitor connected to MONITOR 1 can talk to the VGA or XGA-2 card.

CHART 2

Pixel Format	Maximum Cable Length (Feet)
640 X 480 @ 60 HZ	250
800 X 600 @ 60 HZ	200
800 X 600 @ 75 HZ	150
1024 X 768 @ 60 HZ	175
1024 X 768 @ 75 HZ	125
1280 X 1024 @ 75 HZ	100
640 X 480 @ 75 HZ	175

FCC User Information:

WARNING: This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart B of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

Proven Products, Unrivaled Service, and Great Support



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All specifications subject to
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©2016
Updated 07/31/2016
CS200-101189-00_H