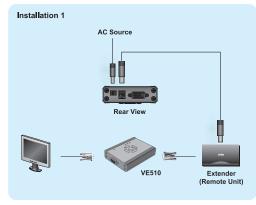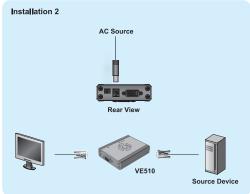# VE510

Video Synchronizer

The VE510 Video Synchronizer is designed to compensate for video signal delays over large distances. The VE510's line synchronizing function corrects color phase and timing errors that occur over long distance transmissions. It also enables you to manually tune the R/G/B signal settings, store the settings and retrieve them later using the memory button.

Diagram

The VE510 can be used in different setups. The following are a few possible installations.

Installation 1

Installation 2

Features

- Connects VGA based video devices to VGA displays and enhances the video quality in long distance installations
- Compensates for a delay and synchronizes signal delays
- RGB delay tuner – manually synchronizes the RGB signals via pushbuttons
- Skew equalization
- Memory set button – allows the storing and recalling of user settings
- LED display for status monitoring
- Easy to install
- Hot pluggable
- Compact Size – Din Rail and Wall mountable
- Compatible with ATEN KVM Extenders, Video Extenders and KVM Switches

Specifications

Function		VE510
Connectors	Video In	1 x HDB-15 Male (Blue)
	Video Out	1 x HDB-15 Female (Blue)
	Power Jack 1	1 x DC 5V Jack
	Power Jack 2	1 x DC 5.3V Jack
Switches	R/G/B Selection	2 x Pushbutton
	R/G/B Delay Tuner	2 x Pushbutton
	Memory/Setting/Recall/Reset	1 x Pushbutton
LEDs	Power	1 (Orange)
	Red	1 (Red)
	Green	1 (Green)
	Blue	1 (Blue)
Power Consumption		DC 5.3V 1.48 W ; DC 5V 1.48W
Environment	Operating Temp.	0–50°C
	Storage Temp.	-20–60°C
	Humidity	0–80% RH, Non-condensing
Physical Properties	Housing	Metal
	Weight	0.21 kg
	Dimensions (L x W x H)	11.02 x 7.90 x 2.44 cm

* The specifications and pictures are subject to change without notice.