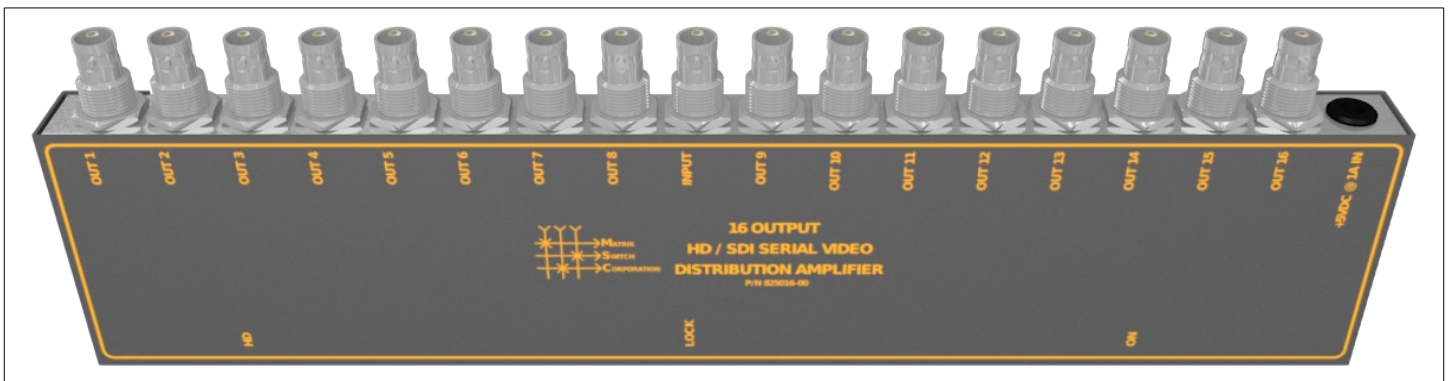


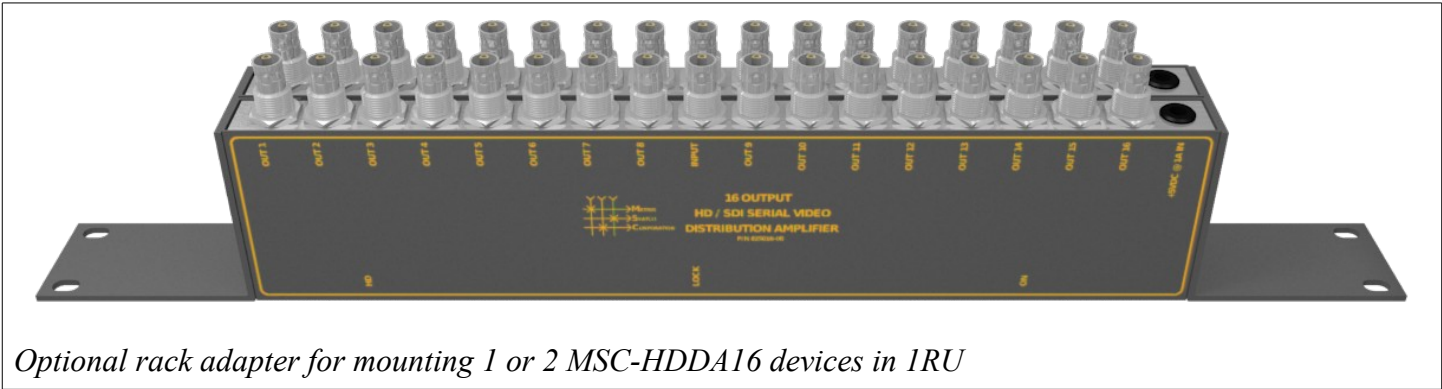
Matrix Switch Corporation MSC-HDDA16 16 Output 3G/HD/SD-SDI Video Distribution Amplifier



Matrix Switch Corporation [distribution amplifiers](#) combine exceptional performance with value. Their compact size allows for them to be utilized in space constrained situations. All external connections are on the same side making for a clean installation and Power, Lock and HD LED indicators on the front provide current visual status of the connected SDI signal.

Feature Highlights

- Re-clocking of standard SD, HD and 3G SDI data rates
- Auto bypasses non-standard SDI rates from 20Mbit/s to 3Gbit/s
- Passes SDI embedded audio and ancillary data
- 1RU rack adapter available ([MSC-DA16RA](#)) for mounting 1 or 2 MSC-HDDA16 units
- Backed by a full 2 year manufacturer parts and labor warranty



| Specifications | | SDI Video | |
|-----------------------------|------------------------------|---------------------------------|---------------------------------------|
| Size | 4.25"W x 1"H x 3"D | Connector type | BNC |
| Rack Size (with MSC-DA16RA) | 1RU | Data Types | SMPTE 259/292/424 |
| Weight | 0.5 lb | Data Rates | 19 Mbit/s through 3.0 Gbit/s |
| Power | 5 VDC 1.5W | Re-clocking Data Rates | 270 Mbit/s, 1.485 Gbit/s, 2.97 Gbit/s |
| Storage Temp | -10 Through +50 Deg C | Input/Output Return Loss | > 15dB @ HD, > 12dB @ 3G |
| Operating Temp | 0 Through +40 Deg C | Input Level | 800 mV P-P +/- 20% |
| Humidity | 0 Through 90% Non-Condensing | Input Impedance | 75 Ohms +/- 1% |
| Warranty | 2 Years Parts & Labor | Cable equalization (1694A coax) | 350m @ SD, 175m @ HD, 100m @ 3G |
| | | Output Level | 800 mV P-P +/- 5% |
| | | Output Impedance | 75 Ohms +/- 1% |
| | | Output Jitter | < 0.2 UI |