

# Duet

## Active-to-Passive Stereo Converter for BarcoReality SIM 6



Barco's Duet transforms a single active stereo signal into separate left and right channels. This enables easy combination of active and passive stereo in one system, and forms a convenient way to transfer legacy applications to passive. The fully transparent operation with autodetection of the signal format and the high bandwidth combine to make Duet a true Plug-and-Play interface.

### High Bandwidth Active-to-Passive Stereo Conversion

- Supports active stereo signals, with RGB bandwidth up to 200 MHz
- No digital artefacts due to the active to passive stereo conversion
- Compatible with all common stereo synchronisation signals
- Connects to standard common stereo sync interfaces with Mini-DIN p3m, Mini-DIN p7m, DB9 (male and female) and BNC connectors

### Plug and Play Interface

Automatic detection and selection of:

- Left/right signal
- Resolution and refresh rate for display
- Sync polarity, composite sync, sync on green, or separate sync
- Most common stereo syncs

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# Technische Daten

<b>Video-Eingänge</b>	<ul style="list-style-type: none"> <li>• RGB: 0.4 – 2 Vpp @ 75#8486; and gain = 1</li> <li>• Composite or separate sync: TTL level (buffered loop-through) @ 20 k#8486; load or analog (direct loopthrough) 0.3 to 5 Vpp</li> <li>• The D9 female connector provides the ID-bits for the recognition of the graphical mode. (When no monitor is connected, the mode can be set through ID bits on the interface)</li> <li>• Automatic 75#8486; termination</li> </ul>
<b>Eingangs-Auflösungen</b>	<ul style="list-style-type: none"> <li>• XGA 60-120 Hz</li> <li>• SXGA:□ 60-120 Hz (reduced blanking) 60-108 Hz (standard blanking)</li> </ul>
<b>Stereo-Eingänge</b>	<ul style="list-style-type: none"> <li>• Stereo signal between –12 /+12 V</li> <li>• Supported connectors are: MiniDIN p3m, MiniDIN p7m, DB9 (male and female), BNC (other connectors available on request)</li> </ul>
<b>Video-Ausgänge</b>	<ul style="list-style-type: none"> <li>• RGB Analog 0.4 – 2.5 Vpp @ 75#8486; and gain = 1</li> <li>• Output sync selection between composite or separate sync</li> <li>• HD15 loop through feature</li> </ul>
<b>Bandbreite</b>	Typical 200 MHz @ 0.7 Vpp in / 0.7 Vpp out [-3dB]
<b>Kompatibilität</b>	<ul style="list-style-type: none"> <li>• The Duet works only with projectors featuring "Active Stereo Compatibility", such as: BarcoReality SIM 6, BarcoReality SIM 6 HB, BarcoReality SIM 6 LL, BarcoReality SIM 6 HB MLA, BarcoReality SIM 6 Ultra, Warp 6TM</li> <li>• The Duet is compatible with most switching devices and 3D graphics cards. For an up-to-date list of incompatible devices please check your local Barco office.</li> </ul>
<b>Stromversorgung</b>	Built-in power supply for operation on 240 – 100 VAC.
<b>Leistungsaufnahme</b>	20 Watts
<b>Sicherheitsstandards</b>	The Barco Duet complies with UL 1950 and EN60950
<b>Elektromagnetische Interferenz</b>	The Duet complies with FCC part 15 Class A
<b>Rackmontage möglich</b>	Mounting holes on the cabinet facilitate wall or rack mounting of the interface.
<b>Gewicht</b>	Shipping□5,8 Lbs.□2,634 Kg Duet□1,9 Lbs.□0,842 Kg Cables□1,6 Lbs.□0,719 Kg
<b>Abmessungen (BxTxH)</b>	9.69 x 4.69 x 2.24 Inch 246 x 119 x 57 mm
<b>Verpackungs-Abmessungen</b>	15.95 x 10.83 x 8.27 Inch 405 x 275 x 210 mm

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 Die angegebenen Informationen und Daten sind typisch für das beschriebene Gerät.  
 Jede Spezifikation kann sich aber ohne vorherige Ankündigung ändern.  
 Die aktuelle Version dieser Broschüre finden Sie unter [www.barco.com](http://www.barco.com).

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