



100m



Travel long, stay strong

Loss-free signals over long distances for
picture-perfect presentations even in large rooms



Signal Shuttle

BenQ
Enjoyment Matters

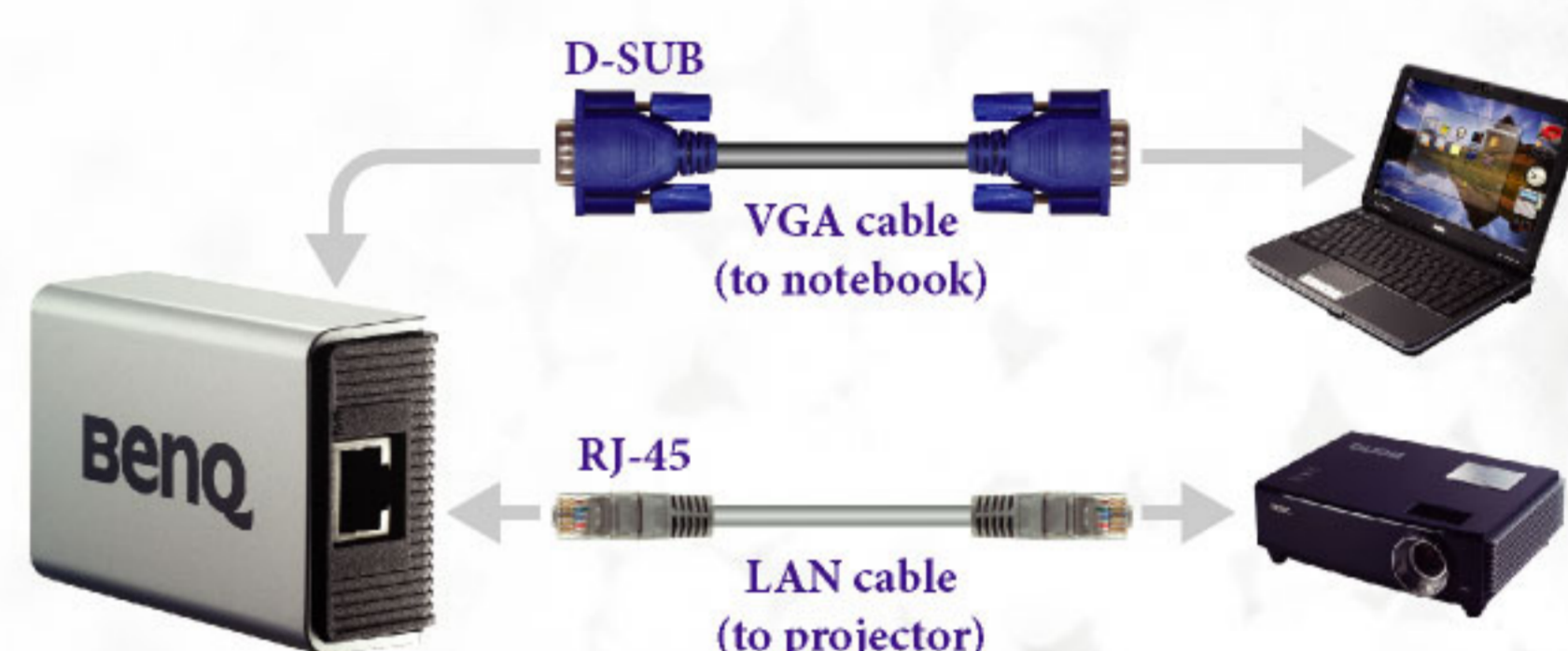


When the projector is mounted to the ceiling in a meeting room, getting a signal cable with sufficient length is always an issue. Even when longer D-sub or DVI cables can be found, picture quality typically suffers due to the signal degradation.

The Signal Shuttle, an optional accessory that works with BenQ's SP830 and SP831 projectors, is an ideal way to avoid such hassles. It provides a simple, low-cost, reliable way to allow users to run their presentation from as far as 100 meters away from the projector without impacting picture quality and eliminating the need for expensive and difficult-to-find extended-length signal cables.

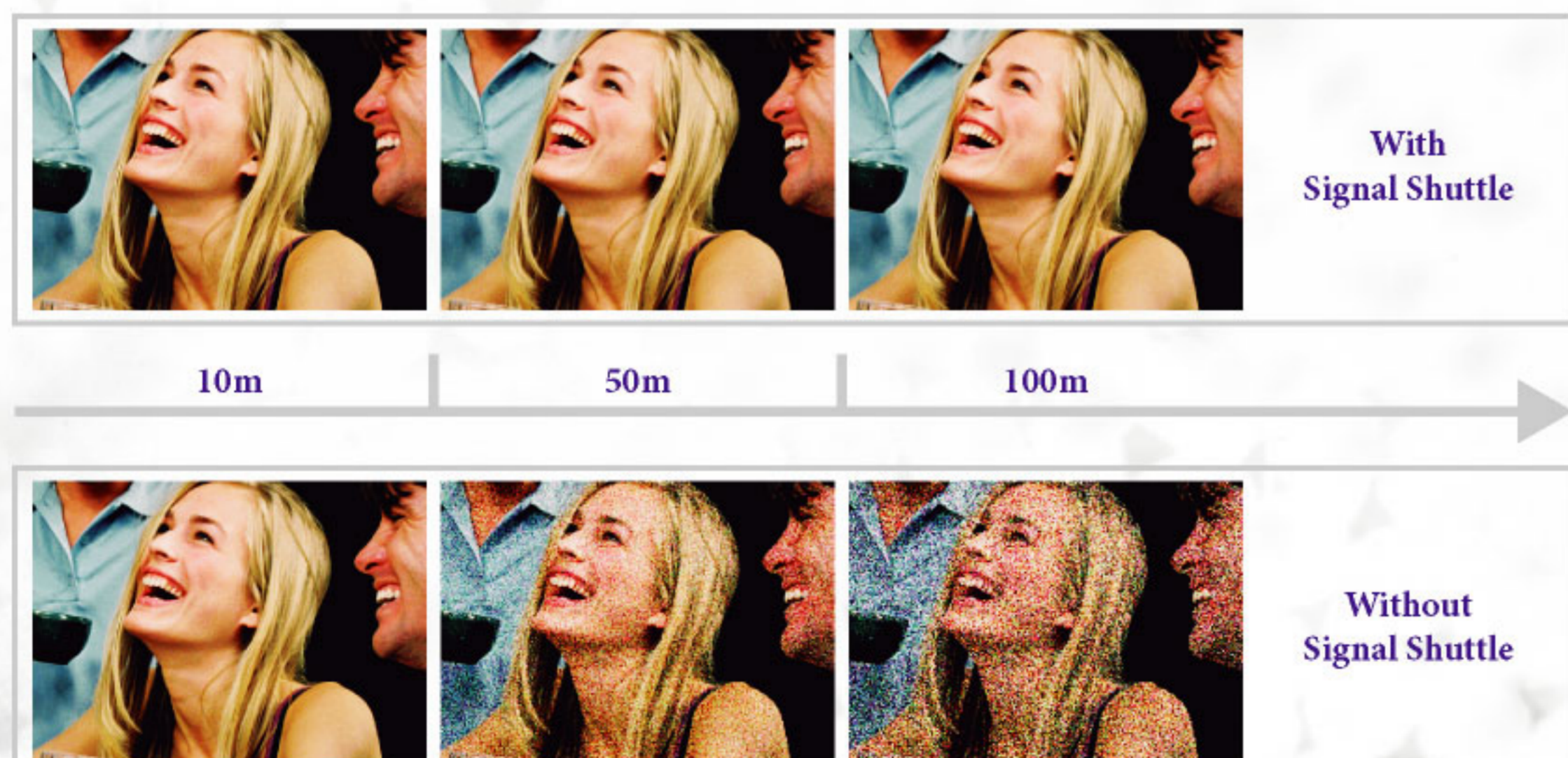
Easy to Use

All an administrator needs to do to have the Signal Shuttle ready for users is to connect it to the projector with a LAN cable. And because LAN cable is easy and inexpensive to purchase in a variety of lengths-in contrast to difficult-to-find and pricey extended length D-sub and DVI cables-it won't put a dent on even sensitive budgets. When a user wishes to give a presentation, all he has to do is connect his notebook computer to the Signal Shuttle via a VGA cable and the show can commence.



Picture Perfect

The Signal Shuttle delivers images and video over long distances with no degradation in quality. Unlike solutions that use D-sub or DVI cables, which result in signal attenuation for every meter of distance from the projector and clearly visible artifacts when the signal source is more than 10 meters away, the Signal Shuttle uses LAN cable. That means no data loss occurs, rendering the same detail and clarity as if a presenter's notebook were right next to the projector rather than up to 100 meters away. The Signal Shuttle is truly a picture-perfect solution.



Specifications

Model Name	Signal Shuttle
Range	Up to 100m
Input terminal	D-sub 15-pin(female) x 1
Output terminal	RJ-45 x 1
Dimensions (mm)	78(W) x 51(D) x 27(H) mm
Weight	70 g
Suggested LAN cable	CAT.6 1GHz

Timing Table

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Frequency (MHz)	Mode
720x400	31.469	70.087	28.3221	720 x 400_70
640x480	31.469	59.940	25.175	VGA_60
	37.861	72.809	31.500	VGA_72
	37.500	75.000	31.500	VGA_75
	43.269	85.008	36.000	VGA_85
800x600	37.879	60.317	40.000	SVGA_60
	48.077	72.188	50.000	SVGA_72
	46.875	75.000	49.500	SVGA_75
	53.674	85.061	56.250	SVGA_85
1024x768	48.363	60.004	65.000	XGA_60
	56.476	70.069	75.000	XGA_70
	60.023	75.029	78.750	XGA_75
	68.667	84.997	94.500	XGA_85
1280x768	47.776	59.87	79.500	WXGA_60
1280x1024	63.981	60.020	108.000	SXGA_60

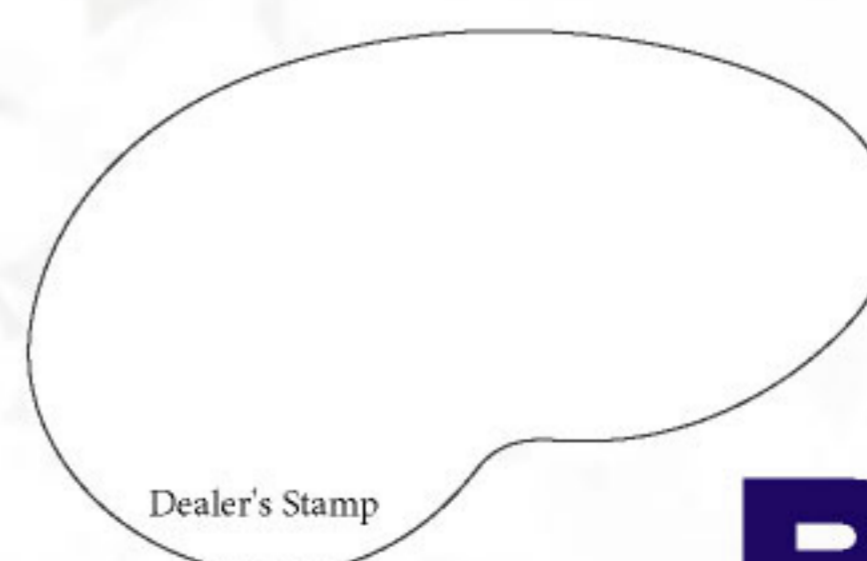
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