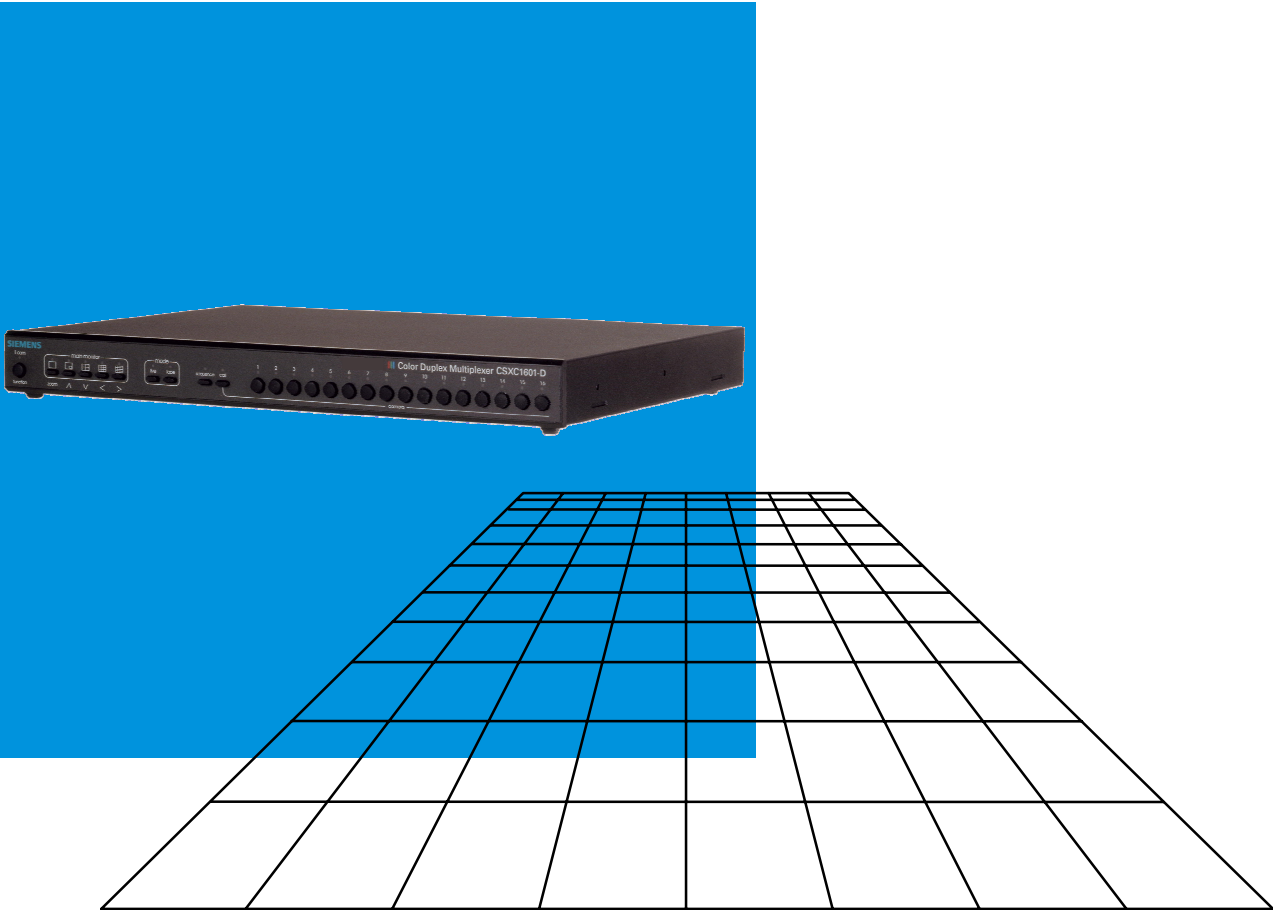


SIEMENS

Color Simplex Multiplexer CSXC1601-S
and
Color Duplex Multiplexer CSXC1601-D



Color Simplex Multiplexer CSXC1601-S and Color Duplex Multiplexer CSXC1601-D

Features

- 16 inputs for color or B/W cameras
- One alarm input per video input
- Automatic motion detection can be set separately for each video channel
- Looping inputs for each video channel with separately selectable terminating resistors (75 Ohm)
- Independent call monitor output
- High-speed switching over during camera recording
- If the VCR can send a real-time clock signal, the multiplexer can adapt to the current recording speed
- As a result of dynamic time division (DTD), camera pictures with motion are recorded more frequently
- Special coding procedure for picture playback at high quality
- High-resolution digital pictures are improved using a special picture definition algorithm. PAL/CCIR display with 512 x 512 pixels and 16 million colors
- On-screen display for date, time, alarm status, video loss and 10-digit camera title. Screen menus simplify setting
- Non-volatile program memory

Color Simplex Multiplexer CSXC1601-S

- Playback of recording or display of 16 inputs
- An independent 16 x 12 monitoring grid for detecting motion at each signal input

Color Duplex Multiplexer CSXC1601-D

- Full-duplex mode permits video recordings and simultaneous video display in real-time mode or from the VCR
- Simultaneous, digital video detection of motion with two 16 x 12 target motion detection grids for each video channel for setting different day and night options. Adjustable target positioning, object size, target sensitivity and alarm display
- Video inputs and outputs for standard and super-VHS video cassette recorders

Application

The multiplexers permit you to record the signals from several video cameras on one recorder (VCR).

They support the PAL / CCIR video standard, and provide a wide range of display and recording options.

The real-time or tape playback views comprise: frame, 2 x 2, 3 x 3 and 4 x 4 pictures; additionally with duplex: double zoom of frame, picture-in-picture.

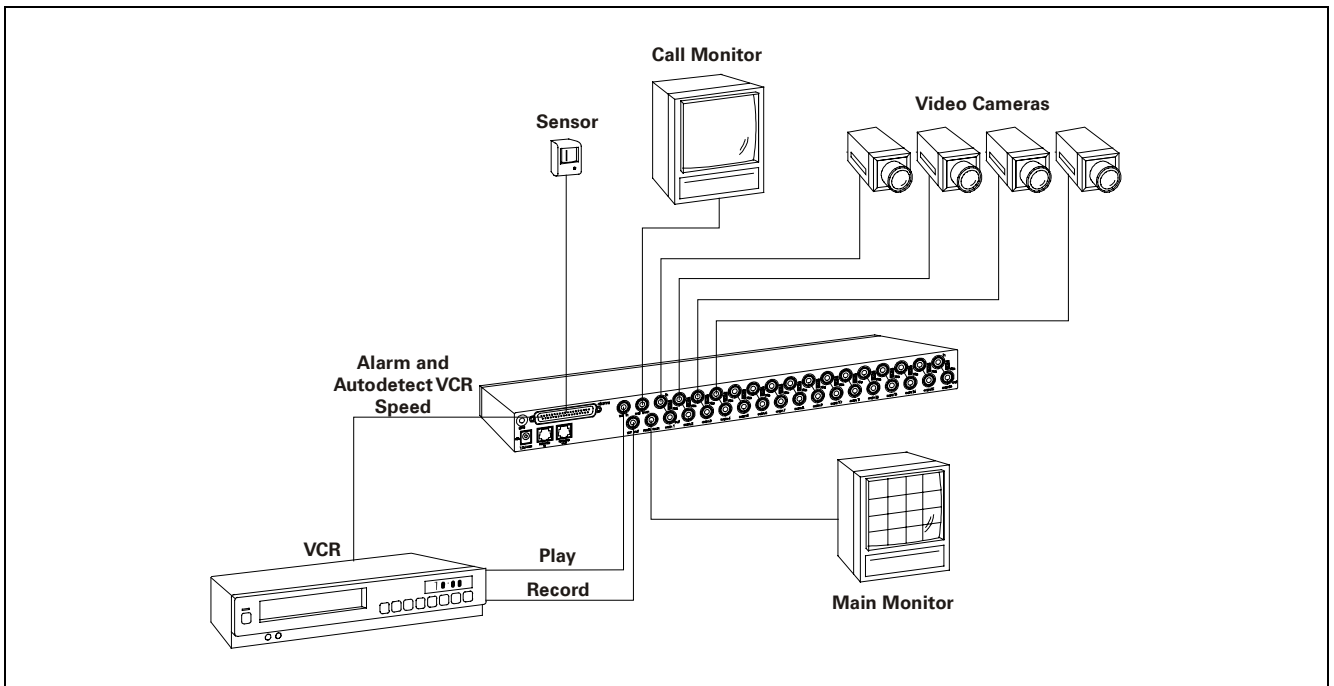


Fig. 1: Basic multiplexer system

Technical data

	CSXC1601-S	CSXC1601-D
Color palette	16 Mio. colors (24 bit)	16 Mio. colors (24 bit)
Picture format	Frame, 2 x 2, 3 x 3, 4 x 4	Frame, 2 x 2, 3 x 3, 4 x 4, picture-in-picture, zoom
Video inputs	16 x BNC (camera): 1 V _{pp} , 75 Ω 1 x BNC (VCR): 1 V _{pp} , 75 Ω	16 x BNC (camera): 1 V _{pp} , 75 Ω 1 x BNC (VCRang): 1 V _{pp} , 75 Ω 1 x S-VHS (VCR)
Video outputs	16 x BNC (camera): 1 V _{pp} , 75 Ω 2 x BNC (main/call monitor): 1 V _{pp} , 75 Ω 1 x BNC (VCR): 1 V _{pp} , 75 Ω	16 x BNC (camera): 1 V _{pp} , 75 Ω 2 x BNC (main/call monitor): 1 V _{pp} , 75 Ω 1 x BNC (VCR): 1 V _{pp} , 75 Ω 1 x S-VHS (VCR)
Dimensions (W x H x D) in mm	432 x 44 x 311	432 x 44 x 311

Ordering data

Designation	Order No.	Approx. weight (in kg)
Color simplex multiplexer CSXC1601-S 16 inputs, PAL, incl. plug-type power supply unit 230 V AC / 12 V DC	2GF2003-8DA	4.0
Color duplex multiplexer CSXC1601-D 16 inputs, PAL, incl. plug-type power supply unit 230 V AC / 12 V DC	2GF2003-8DB	4.0
19-inch mounting set for the CSXC1601-S and CSXC1601-D multiplexers	2GF2003-8EA	

Devices made in Ireland by order of SIEMENS.

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D-76181 Karlsruhe



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