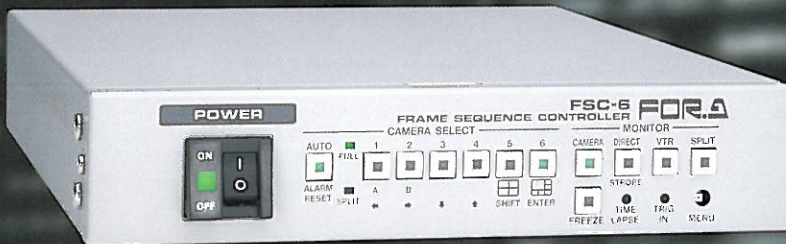
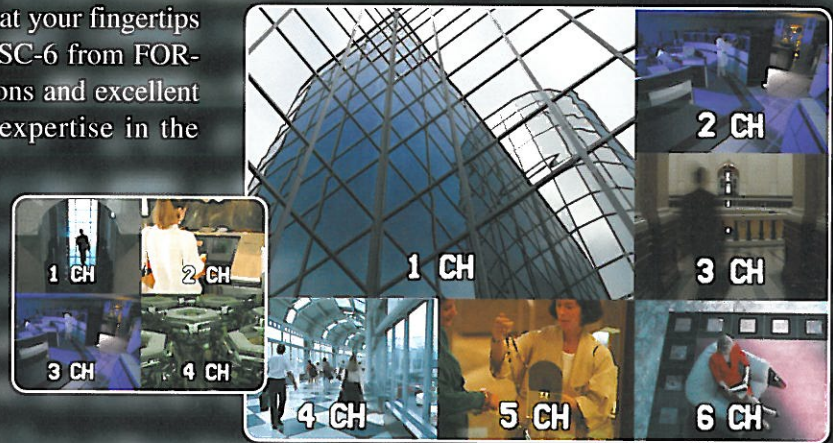


# Duplex Multiplexer FSC-6/P



## CONVENIENT MULTI-VIEW MONITORING OF OBSERVATION AREAS

Have a compact, yet powerful, multiplexer at your fingertips with the versatile, reliable, and low cost FSC-6 from FOR.A. Provides demanded convenience functions and excellent picture quality, backed by 28 years of expertise in the security market.



ASIC technology for increased reliability.

Auto sequential switchover of camera views.

Precise and accurate time/date generator to 'time stamp' events.

Field record based, 6-input multiplexer.

'L' character can appear in display to warn of lost inputs.

Password lock for security, easily set operation in on-screen menus.

Accepts nonsynchronous composite color or B/W video.

Digital x2 zoom in of up to 5 areas in any camera view.

Programmable skip channel menu and camera dwell times.

Selectable and dedicated spot display outputs.

Strobe view 16 sequential still fields of alarm video as 16-split display.

100 alarm event log to quickly locate and view critical alarm video.

Select full screen, quad, or 5+1 video display.

Auto recognition of realtime or timelapse VTR record.

Compact design, reliable performance, economical pricing.

Fully duplex operation capable; two configurations.

Title character generator to identify each camera view.

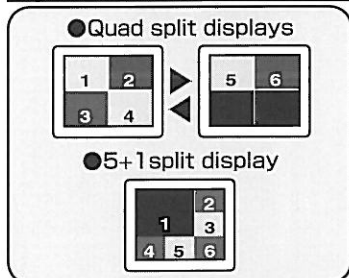
# Duplex Multiplexer FSC-6

## Specifications

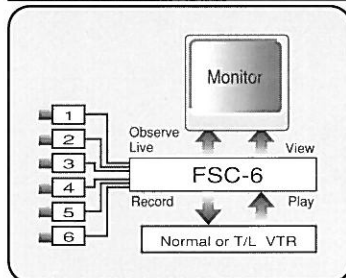
TV Standard	NTSC / PAL
Camera In	Color or B/W composite (nonsynchronous acceptable), 1.0Vp-p, 75Ω, 6 ea., BNC
VTR Playback In	Field switched composite, 1.0Vp-p, 75Ω, 1 ea., BNC
Monitor Out	Composite, 1.0Vp-p/3dB, 75Ω, 1 ea. (internal sync), BNC (Sequentially switched video or VTR playback)
VTR Out	Field or trigger switched composite, 1.0Vp-p/3dB, 75Ω, 1 ea., BNC
SPOT Out	Composite, 1.0Vp-p/3dB, 75Ω, 1 ea., BNC (Fixed camera or alarm triggered camera channel output)
Quantization:	8 bit
Sampling Frequency	13.5MHz.
Control	
VTR Trig In	TTL negative pulse (over 10msec), 1 ea., wire terminal
Alarm In	TTL negative pulse (over 100msec) or make contact, 6 ea., 9-pin D-sub female connector (REMOTE on rear panel) (REMOTE connector also used for remote alarm reset, time adjust, camera select/display: TTL level or make contact, negative logic or level, over 100msec pulse width)
Alarm Out	Contact relay, make contact initiates alarm, 24VDC max. less than 0.1A
Character	◇ Configuration: 12x18 dot matrix ◇ Types: Alphabet, numbers, symbols ◇ Character level: Approx. 80% white ◇ Edge level: Approx. 0% black
Camera Title	◇ Character: Max. 16, 1 line per camera ◇ Position: Vertical, horizontal step adjust ◇ Character: See characters specs. above
Date/Time	◇ Format: M-D-Y, H:M:S (NTSC); D-M-Y, H:M:S (PAL) ◇ Clock: 24 hour ◇ Ref.: Internal crystal oscillator ◇ Precision: Within +/-90sec. at 25 °C

Display Select	◇ Time: Correction to 0 sec when 0-29 seconds or to minute count when 30-59 seconds, TTL level negative logic pulse or make contact, over 100msec pulse width (Correct at trailing edge) ◇ Position: Vertical, horizontal step adjust (80% picture area) ◇ Character: See characters specs. above a) Strobe sequential 16-split display, b) Zoom in display (x2 zoom of up to 5 different image areas), c) "ALM" character (red) displayed when alarm input
Switching	◇ Auto switch time: Selectable 1-30 sec., ◇ Auto switch mode: Full screen display of 1-6 or 4-split (A, B alternate) display ◇ Alarm switch mode: Home to alarm channel(s), alarm channel to main position (5+1 display), 1 sec. switchover all alarm channels when multiple alarms
Display Indications	L' displayed for suddenly lost input, 'ALM' for input in alarm
Camera Select	1-6 (auto skip of no input connection channels)
Alarm Reset	◇ Type: Auto (trigger only) or manual ◇ Auto reset: 1-30 min. select
Alarm Switch	Select: ① Auto switch to alarm, ② Field switch to last alarm input, ③ Field switch between initially set cameras, regardless of alarm input ④ Alarm switch off.
Alarm Log	Up to 100-events, 10 per page
Data Backup	Data: Date/time, title, display ON/OFF, all menu made settings Backup: Lithium battery, approx. 3 year life (no AC power)
Power	100V-240VAC +/-10%, 50/60Hz
Consumption	Approx. 14W (PAL), 13W (NTSC)
Temperature	0-40 °C
Humidity	30-40% (No condensation)
Dimensions	212 (W) x 44 (H) x 250 (D)mm
Weight	Approx. 2kg

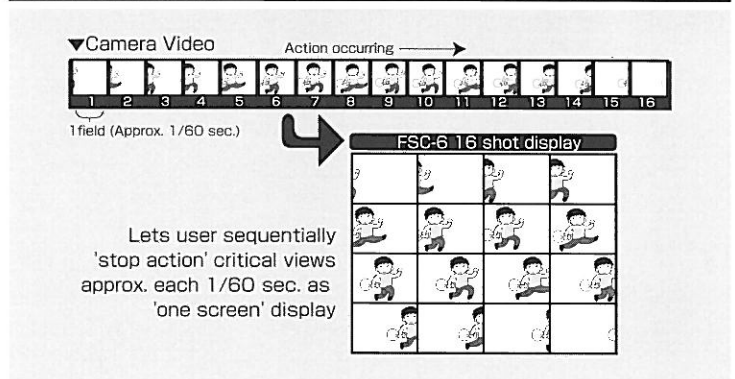
## Split Displays



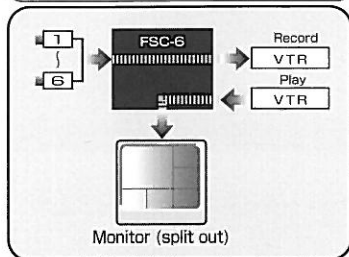
## Connection



## Shot View Mode

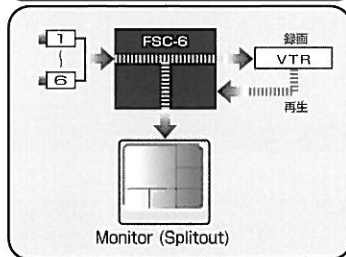


## Duplex Connection 1



○ Record and view playback video

## Duplex Connection 2



○ View camera video as recorded

## Other Products

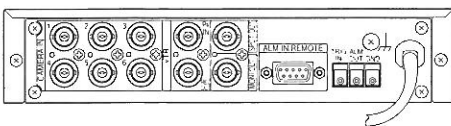
### FSC-9 & FSC-16

9 and 16 input duplex multiplexers. Outputs 60 fields/sec for better resolution recording and clearer viewing upon playback. Wide selection of output split display modes. Auto-warning of lost inputs. x2 zoom key picture areas during playback. 100 event alarm memory. Time generator, display as operational clock or per camera channel. ASIC technology used for reliable system support.

### FR-200

Hard disk based composite I/O AV frame recorder 2 AVF video channels. 3 JPEG rec rates (excellent resolution). security oriented features. Menu driven operation. Search realtime or in slow motion. Auto set rec start, stop, time; stop motion rec; alarm input possible to 'tag' critical video.

## Rear Panel



## FOR-A COMPANY LTD.

Head Office : 3-1-7 Ebisu, Shibuya-ku, Tokyo 150-0013, Japan

FOR-A UK Limited : Heritage House, 21 Inner Park Rd., London SW19 6ED, UK

FOR-A Italia S.r.l. : Viale Europa 50 20093, Cologno Monzese (MI), Milan, Italy

FOR-A America Head office : 2400 N.E. Waldo Road, Gainesville, FL 32609, U.S.A.

FOR-A Los Angeles Office : 11125 Knott Ave., Cypress, CA 90630, U.S.A.

FOR-A Corporation of Canada : 425 Queen St. W. #210, Toronto, Ontario M5V 2A5, Canada

FOR-A Beijing Office : Rm 1802, Tower 1, Henderson Ctr., 18 Jianguomennei Ave., Beijing, China

## Homepage: <http://www.for-a.co.jp/>

+81 (0)3-3446-3936, Fax : +81 (0)3-3446-1470

+44 (0)181-788-7664, Fax : +44 (0)181-788-7435

+39 02-254-3635/6, Fax : +39 02-254-0477

+1 352-371-1505, Fax : +1 352-378-5320

+1 714-894-3311, Fax : +1 714-894-5399

+1 416-977-0343, Fax : +1 416-977-0657

+86 (0)10-6518-3865, Fax : +86 (0)10-6518-3866