Samsung HC67x Series

Attractive and high-performing displays designed for hospitality environments

Highlights

- Provide a premium viewing experience with slim, stylish LED displays for hospitality guests

- Streamline content management with Samsung LYNK™ REACH 3.0 solution

- Provide convenient Home Menu for guests even in no-network environment

- Cut costs and enhance security with Samsung's software-based LYNK Digital Rights Management (DRM) technology

- Help guests stay on time with the clock accessory supported by a backup power supply

- Reduce operating expenses with simplified device management and optimized resource management

Address guest needs and staff requirements with consistent hospitality displays

Successful hoteliers know that travelers expect in-room entertainment similar to what they experience at home. However, hotel owners and managers must control costs when investing in new displays. Finding an affordable mid-range in-room display with superior performance and a slim design can be a challenge. Many displays on the market lack compatibility with standard system integrator (SI) solutions.

Samsung HC67x Series high-performing displays include many features hoteliers need, at a reasonable cost. The slim, streamlined design of these displays contributes to a pleasant room ambiance and superior viewing experience. Plus, the displays include content tools to simplify content management by hotel staff.

In addition, the displays help reduce costs with enhanced technology and energy-saving features. Guests can stay on schedule with the help of the clock accessory and be entertained with myriad entertainment options.

Create an enhanced in-room entertainment environment

High-quality displays in guest rooms can contribute to an enjoyable hotel stay. With the elegant design of Samsung HC67x Series slim displays, hoteliers can elevate guests' viewing experience. Light and unobtrusive, the displays feature a narrow bezel, providing more viewing area. The slim display form factor further brings details that provide hotel guests a richer viewing experience and a more sophisticated in-room atmosphere.

Figure 1. HC67x Series displays elevate guests' viewing experience with a slim and elegant design

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Offer an enriching hotel guest experience with a wide range of entertainment options

Simplify information updates with intuitive tools

LYNK REACH 3.0 is a specialized solution for hospitality environments that provides a simplified UI and editing tool. This tool organizes and displays content, such as hotel information, images, logos and Electronic Program Guides (EPGs) using existing infrastructure. Four editable templates are provided for creating a fully customizable UI. Also provided is a new template that supports advertisements with live channels for the hotel lobby and restaurants. The ability to include advertisements on the displays during broadcasts provides an additional revenue stream for hotels.

The REACH server provides a straightforward way to manage several hundred hospitality displays remotely. This system helps reduce labor costs associated with updating each display individually. The technology also helps reduce total cost of ownership (TCO) because no set-top box (STB) or Internet Protocol (IP) infrastructure is needed.

Figure 2. The REACH server allows hoteliers to manage several hundred hospitality displays remotely

The REACH interface is designed to display content on in-room screens and provide PC-based content management for hotel personnel. In-room screen content includes hotel information and marketing messages for guests. The interface helps content managers readily edit and manage information and the content can be provided from the Internet through the REACH server.

To further customize in-room content for guests, REACH offers additional conveniences for the hotel manager, such as creating content for specific groups of guests. Various guests can be assigned to groups that have similar sets of channels and content needs. Managers can create up to 10 groups of displays with dedicated content for each group, which is ideal for targeting a specific group of guests such as convention attendees.
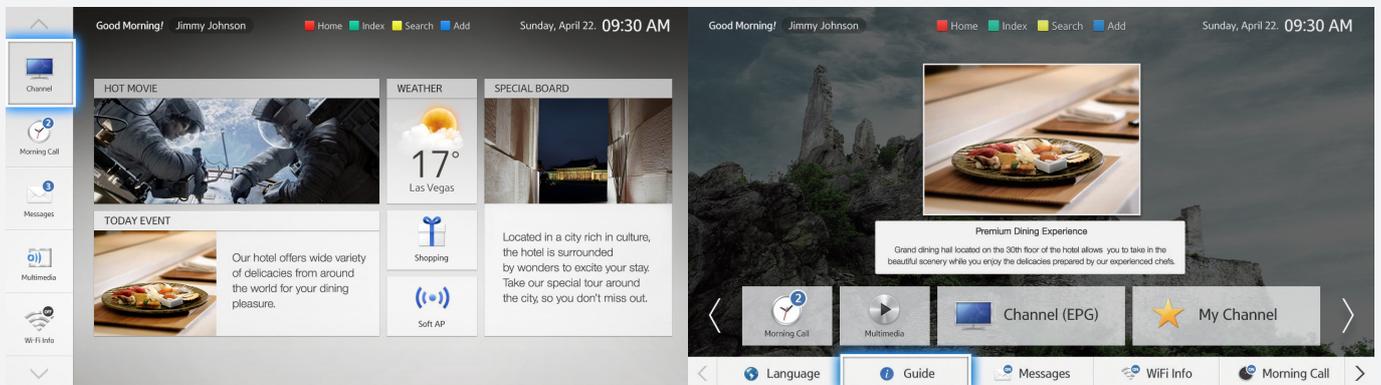
Figure 3. The REACH UI can be customized to provide hotels with a look uniquely their own

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LYNK DRM delivers robust security functions with greater flexibility

Provide convenience even in a no-network environment

HC67x Series displays offer an alternative way for guests' convenience. With the Hospitality Home Menu, hotels can provide guests with a simple home screen that displays a live channel stream. Plus, the home screen shows additional information such as the time and date, a welcome message and hotel information. Easy access to commonly used features is also available from the Hospitality Home Menu. The welcome message, hotel information, and easy access features can be edited from the factory mode. Plus, the customizations made to the Home Menu can be easily cloned to a USB, which can then be used to apply the same customization to other Samsung Hospitality Displays.

Enhance content protection with pure software DRM solution

Samsung LYNK DRM technology provides hoteliers, facility managers and owners with a safeguarded and cost-effective alternative to traditional hardware-based content protection systems. This technology allows encrypted content to pass safely to display on hospitality screens.

A software-only implementation, Samsung LYNK DRM technology provides quicker recovery for Conditional Access System (CAS) problems. Enhanced functions include support for a video-on-demand (VoD) system. To help ensure reliability, the technology also supports additions to cable head-end equipment.

Reinforce management over in-room displays with Security Mode

Samsung HC67x Series displays provide the unique and strong hardware control with Security Mode. With this feature, With this feature, managers can disable Teletext (TTX), the HDMI® port and the USB port on the displays. By controlling these hardware functions using the Security Mode, managers can prevent guests from viewing non-compliant content or transmitting unwanted TTX on the hotel property. For the customer who requires a high content management level, this Security Mode can help maintain complete in-room control.

Offer accurate timekeeping without interruption using the clock accessory

The optional, attachable clock helps hoteliers provide the correct time to guests. The clock's backup power supply eliminates the need to reset the time if a power interruption occurs. The clock can run accurately without external power for up to 72 hours.

Minimize overall TCO with simplified device management and optimized resource management

Samsung Hospitality Displays provide centralized management from a control room, and the convenient and efficient management features provided default also reduce trips to the rooms for display maintenance. Being connected to the hotel's network infrastructure, each in-room display can be monitored and even have the content grouping policy and EPG deployed instantaneously from the control room. The simplified configuration of having just the display that delivers similar convenience without the complexity of an additional set-top box(STB) provides hotels the benefit of one less device to worry about.
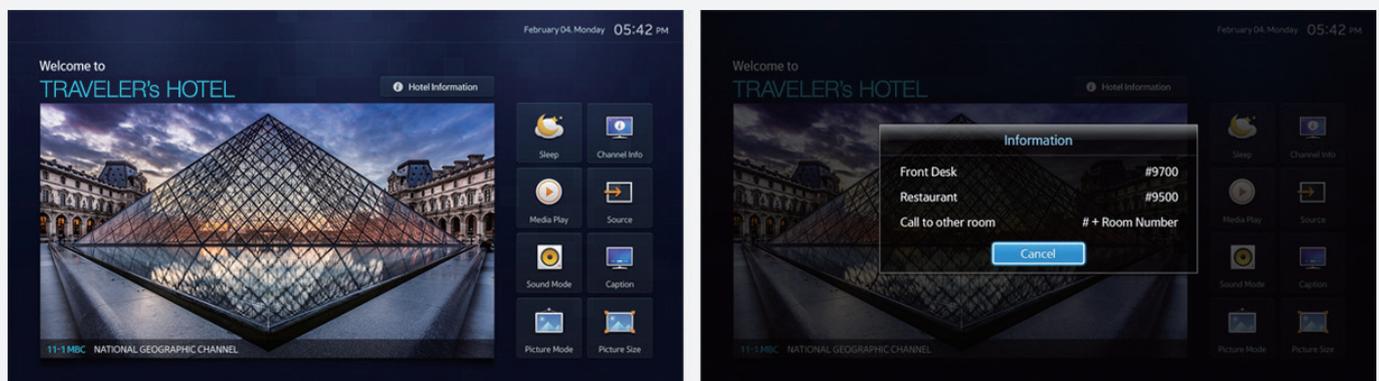
Figure 4. Guests can access the welcome message and hotel information easily through the Hospitality Home Menu

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Samsung HC67x Series

HC670

32"

- HG32EC670AW

Connectors

1. COMMON INTERFACE
2. HDMI IN 2 (DVI)
3. HDMI IN 1
4. USB
5. ANT IN (AIR/CABLE)
6. DATA
7. CLOCK
8. HEADPHONE OUT
9. HEADPHONE-ID
10. RJP
11. COMPONENT / AV IN
12. PC/DVI AUDIO IN
13. PC IN
14. VARIABLE AUDIO OUT
15. VOL-CTRL

40" / 48"


- HG40EC670CW
- HG48EC670CW

Connectors

1. COMMON INTERFACE
2. HDMI IN 2 (DVI)
3. HDMI IN 1
4. USB
5. ANT IN (AIR/CABLE)
6. DATA
7. CLOCK
8. HEADPHONE OUT
9. HEADPHONE-ID
10. RJP
11. COMPONENT / AV IN
12. PC/DVI AUDIO IN
13. PC IN
14. VARIABLE AUDIO OUT
15. VOL-CTRL

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Samsung HC67x Series

HC673

22" / 32"

- HG22EC673BW
- HG32EC673BW

Connectors
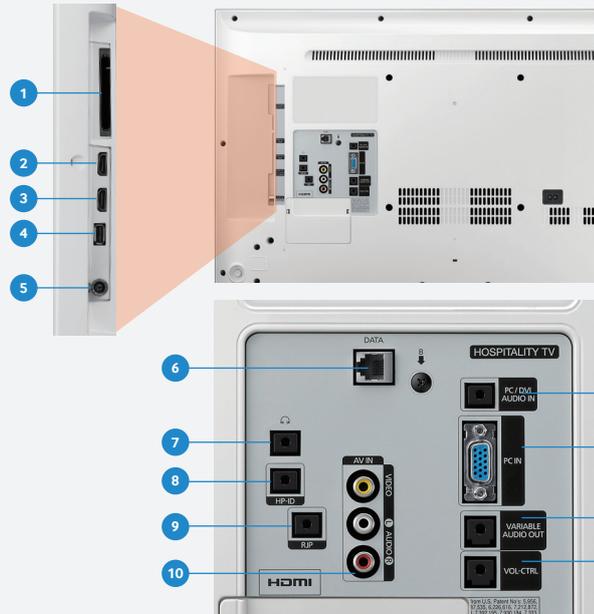
1. COMMON INTERFACE
2. HDMI IN 2 (DVI)
3. HDMI IN 1 (ARC)
4. USB
5. ANT IN (ARI/CABLE)
6. DATA
7. HEADPHONE
8. HP-ID
9. RJP
10. AV IN
11. PC/DVI AUDIO IN
12. PC IN
13. VARIABLE AUDIO OUT
14. VOL-CTRL

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Samsung HC67x Series

HC675

28" / 32"

- HG28EC675AB
- HG32EC675AB

Connectors

1. COMMON INTERFACE
2. HDMI IN 2 (DVI)
3. HDMI IN 1
4. USB
5. ANT IN (SATELLITE)
6. ANT IN (AIR/CABLE)
7. DATA
8. CLOCK
9. HEADPHONE OUT
10. HEADPHONE-ID
11. RJP
12. COMPONENT / AV IN
13. PC/DVI AUDIO IN
14. PC IN
15. VARIABLE AUDIO OUT
16. VOL-CTRL

40" / 48"

- HG40EC670CW
- HG48EC670CW

Connectors

1. COMMON INTERFACE
2. HDMI IN 2 (DVI)
3. HDMI IN 1
4. USB
5. ANT IN (SATELLITE)
6. ANT IN (AIR/CABLE)
7. DATA
8. CLOCK
9. HEADPHONE OUT
10. HEADPHONE-ID
11. RJP
12. COMPONENT / AV IN
13. PC/DVI AUDIO IN
14. PC IN
15. VARIABLE AUDIO OUT
16. VOL-CTRL

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Samsung HC67x Series

Specifications

		32HC670	40HC670	48HC670	22HC673	32HC673	28HC675	32HC675	40HC675	48HC675
Display	Backlight	LED								
	Inch	32	40	48	22	32	28	32	40	48
	HD/FHD	HD	FHD				HD		FHD	
	Resolution	1,366 x 768	1,920 x 1,080				1,366 x 768		1,920 x 1,080	
Video	Picture Engine	HyperReal Engine								
	Static Contrast Ratio	4,000:1	5,000:1		1,000:1	5,000:1	3,000:1	4,000:1	5000:1	
	Response Time	6.5ms	8ms		5ms	8ms	6.5ms		8ms	
	Viewing angle (Horizontal/Vertical)	178 / 178								
	Brightness	250 cd/m²	350 cd/m²		250 cd/m²				350 cd/m²	
	Micro Dimming	N/A								
	Wide Color Enhancer Plus	Yes								
	Auto Motion Plus	N/A								
	Film Mode	Yes								
Audio	Dolby	Dolby Digital Plus / Dolby Pulse								
	DTS Studio Sound / DNSe+	DTS Studio Sound								
	DTS Premium Sound / DTS Premium Sound 5.1	DTS Premium Sound 5.1								
	3D Sound	N/A								
	Auto Volume Leveler	Yes								
	Speaker Type	Down Firing + Full Range								
	Sound Output (RMS)	10W x 2			3W x 2	10W x 2	5W x 2	10W x 2		
	Woofer	N/A								
	Variable Speaker Output	4W (Mono, 8Ω)			N/A		4W (Mono, 8Ω)			
Feature	Smart Hub	N/A								
	Apps	N/A								
	Web Browser	N/A								
	Samsung Smart View	N/A								
	Voice Control	N/A								
	Samsung 3D	N/A								
	3D Converter	N/A								
	Wireless LAN Built-in	No								
	AllShare - Contents Sharing	N/A								
	AllShare - Screen Mirroring	N/A								
	ConnectShare™ (USB 2.0)	Movie								
	Wake On LAN	N/A								
	Soft AP	No								
	BT HID Built-in	N/A								
	USB HID Support	N/A								
	TV SoundConnect	N/A								
	OSD Language	27 European Languages								
	Digital Clean View	Yes								

Samsung HC67x Series

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Feature	HDMI 1.4 3D Auto Setting					N/A				
	HDMI 1.4 A / Return Ch. Support (ARC)					Yes				
	Anynet+ (HDMI-CEC)					Yes				
	BD Wise Plus					N/A				
	Auto Channel Search					Yes				
	Auto Power Off					Yes				
	EPG					Yes				
	Teletext (TTX)					Yes				
	Caption (Subtitle)					Yes				
	Wake-up Timer					Yes				
	Sports Mode 2.0					Basic				
	Game Mode					Yes				
	Picture-In-Picture					Yes				
	Sleep Timer					Yes				
	Hbb TV					No				
Hospitality Feature	Hospitality Home Menu					Yes				
	Samsung LYNK REACH					Yes				
	Samsung LYNK REACH Server Compatibility					Yes				
	Samsung LYNK SINC Compatibility					No				
	H.Browser Compatibility					No				
	Hospitality Plug&Play (Easy Set-up)					Yes				
	RJ 12 / IR Pass Through					Yes				
	Power on Mode					Yes				
	USB Cloning					Yes				
	Hotel Channel List					Yes				
	Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)					Yes				
	Logo Display with Time Out Setting (BMP/Movie)					Yes				
	Welcome Message					Yes				
	Music Mode (Input : PC/AV/Component/HDMI)					Yes				
	Music Mode BackLight on/off					Yes				
	Auto Source Mode					Yes				
	Energy Saving Mode(BLU control)					Yes				

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Hospitality Feature	External Clock Compatibility					Yes				
	Clock Back Up Supply					Yes				
	External Clock Dimming Control					Yes				
	Software Clock					Yes				
	My Channel					Yes				
	Multi Code Remote Control					Yes				
	Screwed Remote Battery Cover					Yes				
	Security Mode					Yes				
	Smoovie Compatibility					Yes				
	Sound bar compatibility					Yes				
	Samsung LYNK DRM					Yes				
Input & Output	HDMI (Side/Rear)					2/0				
	USB (Side/Rear)		1/0		0/1			1/0		
	Component In (Y/Pb/Pr) (Side/Rear)					No				
	Composite In (AV) (Side/Rear)					0/1				
	Ethernet (LAN) (Side/Rear)					N/A				
	Headphone (Side/Rear)					0/1				
	Headphone ID (Side/Rear)					0/1				
	Digital Audio Out (Optical) (Side/Rear)					No				
	Audio Out (Mini Jack) (Side/Rear)					No				
	PC In (D-sub) (Side/Rear)		0/1		No			0/1		
	PC/DVI Audio In (Mini Jack) (Side/Rear)		0/1		No			0/1		
	RF In (Terrestrial/Cable input) (Side/Rear)		1/0		0/1			1/0		
	RF In (Satellite input) (Side/Rear)			No				1/0		
	RS232C					Yes (Common Use for RJ12)				
	CI Slot (Side/Rear)					1/0				
	Variable Audio Out (Side/Rear)		0/1		No			0/1		
	Variable Audio Out Volume Control (Side/Rear)		0/1		No			0/1		
	RJ12 for External Control (Side/Rear)					0/1				
	RJP Jack (Remote Jack Pack) (Side/Rear)					0/1				

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System	DTV Tuner	DVB-T/C					DVB-T2CS2			
	Analog Tuner	Yes								
	DiSEqC	No					Yes			
Design	Front Color	Black			White		Black			
	Stand Type	Square			Arch		Square			
	Swivel (Left/Right)	90/90			No		90/90			
Dimension	Set Dimension with stand (mm/in.)	736.1 x 485.8 x 192.6 / 28.9 x 19.1 x 7.58	908.2 x 577.6 x 226.5 / 35.7 x 22.7 x 8.9	1,076.7 x 673.5 x 226.5 / 42.3 x 26.5 x 8.9	519.6 x 341.4 x 155.4 / 20.4 x 13.4 x 6.1	750.9 x 476.9 x 207.8 / 29.5 x 18.7 x 8.1	643.4 x 435.0 x 163.4 / 25.3 x 17.1 x 6.4	736.1 x 485.8 x 192.6 / 28.9 x 19.1 x 7.5	908.2 x 577.6 x 226.5 / 35.7 x 22.2 x 8.9	1,076.7 x 673.5 x 226.5 / 42.3 x 26.5 x 8.9
	Set Dimension w/o stand	736.1 x 447.4 x 62.9 / 28.9 x 17.6 x 2.47	908.2 x 532.9 x 64.8 / 35.7 x 20.9 x 2.55	1,076.7 x 626.6 x 65.2 / 42.3 x 24.6 x 2.5	519.6 x 323.8 x 52.3 / 20.4 x 12.7 x 2.0	750.9 x 456.6 x 59.3 / 29.5 x 17.9 x 2.3	643.4 x 396.5 x 62.9 / 25.3 x 15.6 x 2.4	736.1 x 447.4 x 62.9 / 28.9 x 17.6 x 2.5	908.2 x 532.9 x 64.8 / 35.7 x 20.9 x 2.5	1,076.7 x 626.5 x 65.2 / 42.3 x 24.6 x 2.5
	Package Dimension (mm/in.)	899 x 516 x 113 / 35.3 x 20.3 x 4.4	1,100 x 616 x 120 / 43.3 x 24.2 x 4.7	1,292 x 730 x 133 / 50.8 x 28.7 x 5.2	580 x 430 x 135 / 22.8 x 26.9 x 5.3	835 x 657 x 143 / 32.8 x 2.5 x 4.2	815 x 463 x 108 / 32 x 18.2 x 4.2	899 x 516 x 113 / 35.3 x 20.3 x 4.4	1,100 x 616 x 120 / 43.3 x 24.2 x 4.7	1292 x 730 x 133 / 50.8 x 28.7 x 5.2
Weight	Set Weight with stand (kg/lb)	6.4 / 14.1	10.4 / 22.9	13.9 / 30.6	3.6 / 7.9	5.9 / 13.0	4.1 / 9.0	6.4 / 14.1	10.4 / 22.9	13.9 / 30.6
	Set Weight w/o stand (kg/lb)	4.9 / 10.8	7.7 / 16.9	11.1 / 24.4	3.4 / 7.5	5.6 / 12.3	3.7 / 8.1	4.9 / 10.8	7.7 / 16.9	11.1 / 24.4
	Package Weight (kg/lb)	7.5 / 16.5	12 / 26.4	17.3 / 38.1	4.6 / 10.1	7.6 / 16.7	5.6 / 12.3	7.5 / 16.5	12 / 26.4	17.3 / 38.1
VESA	VESA Mount (mm/in.)	200 x 200 / 7.8 x 7.8		400 x 400 / 15.7 x 15.7	75 x 75 / 2.9 x 2.9	200 x 200 / 7.8 x 7.8	100 x 100 / 3.9 x 3.9	200 x 200 / 7.8 x 7.8		400 x 400 / 15.7 x 15.7
	VESA Screw Size	M8			M4	M8	M4	M8		
Power	Power Supply (V)	AC220-240V 50/60Hz								
	Power Consumption (Rated) (Watts)	54	88	111	38	54	58	64	103	118
	Power Consumption (Stand-by) (Watts)	0.3								
	Power Consumption (IEC 62087 Edition 2) (Watts)	27	46	52	20	29	23	29	48	54
	Peak Luminance Ratio	76%	75%		68%	76%	75%	76%	75%	
	Yearly Power Consumption (EU standard, kWh)	39	67	76	29	42	34	42	70	79
Eco	Eco Label	Yes								
	Eco Mark	N/A								
	Eco Sensor	No	Yes	Yes	No	No	No	No	Yes	Yes
	Energy Efficiency Class	A+			A		A+			
	Mercury Content (mg)	0.0mg								
	Lead Presence	Yes								

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Samsung HC67x Series

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Accessory	Remote Controller Model	TM1240			TM1080		TM1240			
	PureCare Remote (Seamless White Remote)	No			Yes		No			
	Battery (for Remote Control)					Yes				
	Mini Wall Mount Support	Yes			No	Yes	No	Yes		
	Vesa Wall Mount Support					Yes				
	Power Cable					Yes				
	Data Cable					Yes				
	Slim Gender Cable					N/A				
	Quick Install Guide					Yes				
	Stand Mount Kit	N/A	Yes		No				Yes	

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Legal and additional information

About Samsung

Samsung Electronics Co., Ltd. is a global leader in technology, opening new possibilities for people everywhere. Through relentless innovation and discovery, we are transforming the worlds of TVs, smartphones, tablets, PCs, cameras, home appliances, printers, LTE systems, medical devices, semiconductors and LED solutions. We employ 286,000 people across 80 countries with annual sales of US$216.7 billion. To discover more, please visit www.samsung.com.

For more information

Form more information about Samsung HC67x Series displays, visit

www.samsung.com/business or

www.samsung.com/displaysolutions

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