

Automation systems > Human Machine Interfaces SIMATIC HMI > Operator control and monitoring devices > Multi Panels > Series 370

Sales/Delivery Release: SIMATIC Multi Panel MP 377 12" Keypad and MP 377 19" Touchscreen

### Summary

Effective immediately, the **MP 377 12" Keypad** and **MP 377 19" Touchscreen** are released for sale and delivery. The MP 377 12" Keypad in the new design replaces the previous MP 370 12" Keypad. With the MP 377 19" Touchscreen, the product range of the 370 series is expanded by a 19" model.

The **MP 377 12" Keypad** and **MP 377 19" Touchscreen** supplement the MP 377 12" Touchscreen and MP 377 15" Touchscreen of the innovated MP 370 series. Both for the replacement and for new applications, the MP 377 12" Keypad is available as a compatible successor with greater functionality to the MP 370 12" Keypad. The MP 377 19" Touchscreen expands the product range of the 370 series by a touchscreen device with 19" display. Larger machines/plants and more complex applications can be better visualized with it.

The four new Multi Panels MP 377 feature a TFT display with 64K colors, Windows CE 5.0, a user memory enlarged to 12 MB, and - as the first SIMATIC panels - two PROFINET interfaces. Compared to the predecessor models, a considerable expansion of the functionality was achieved through multimedia functions. The viewing of Word, Excel or PDF files, as well as the playing of AVI video sequences are now possible.

The MP 377 devices are configurable starting with WinCC flexible 2007 Standard. The configurations of the predecessor devices can be migrated with minimal effort; the **configurable quantity structure corresponds to that of the predecessor devices**.



( 85 KB )

## Internet document

## Sales/Delivery Release:

### SIMATIC Multi Panels MP 377 12" Keypad and MP 377 19" Touchscreen

The Multi Panels MP 377 are the innovated MP 370 devices in the product category "multifunctional platform" and succeed the successful Multi Panels MP 370.

As a reference products positioned at the upper end of the panel segment, they expand the HMI application field close to the PC. They impress through their variable use, increased functionality, and considerably lower prices.

The operator devices are based on the innovative standard operating system Microsoft Windows CE 5.0. Through standard Microsoft programs, multimedia is arriving on the industrial scene. The Pocket Internet Explorer and the Microsoft Media Player come preinstalled on the operator devices. The Word viewer, Excel viewer, and PDF viewer can easily be added later if necessary by means of the ProSave service tool.

The mounting options and the function scope of the **MP 377 12" Keypad** are fully compatible with the MP 370 12" Keypad. In addition, the MP 377 12" Keypad features the following attributes:

- MPI/DP interface and two PROFINET interfaces for the operation on PROFIBUS and PROFINET.
- TFT screen with 64K colors and SVGA resolution (800 x 600 pixels).
- User memory enlarged to 12 MB and memory for options of 12 MB as well.
- Multimedia functions possible through Internet Explorer, Media Player, and viewers for Word, Excel, and PDF files.
- Additional applications such as Sm@rtService, Sm@rtAccess, OPC Server, Audit, and WinAC MP 2007.
- Memory expansion possible - e.g., for archives or recipes - via SD card/MMC combination slot and CF card slot.
- The device possesses a non-volatile (zero-voltage-safe), maintenance-free alarm message buffer as well as 256 KB of non-volatile memory for the WinAC MP 2007.
- Two standard onboard USB 2.0 interfaces for peripheral devices such as USB stick, mouse, keyboard, barcode reader, and printer.
- FAQ 19188460 describes which USB peripheral devices are released for our panels.
- For the MP 377 12" Touchscreen, MP 377 15" Touchscreen, and MP 377 19" Touchscreen, the approval EX 22 and the certification FM Class1 Div2 have been issued since 07/2008.
- For the MP 377 12" Keypad, the approval EX 22 and the certification FM Class1 Div2 are in the works (not available at the delivery start).

The function scope of the **MP 377 19" Touch** is fully compatible with that of the other the MP 370 devices.

- The TFT screen with 64K colors possesses an SXGA resolution (1240 x 1024 pixels) due to its 19" screen diagonal.

The new devices are configurable starting with WinCC flexible 2007 Standard.

The operating manuals are available in English, German, French, Italian, and Spanish (also with the SIMATIC HMI Manual Collection and on the Internet at the ID 6248558).

<b>Object of the Release:</b>	<b>SIMATIC Multi Panel MP 377 12" Keypad</b> <b>SIMATIC Multi Panel MP 377 19" Touchscreen</b>
<b>Delivery Start:</b>	<b>MP 377 12" Keypad: May 2008</b> <b>MP 377 19" Touchscreen: March 2008</b>
<b>Contacts:</b>	Contact: Siemens Partners on the Internet
<b>Catalog:</b>	CA01, ST80, A&D Mall
<b>Internet Links:</b>	<a href="http://www.siemens.com/hmi-selection-tool">http://www.siemens.com/hmi-selection-tool</a> <a href="http://www.siemens.com/panels">http://www.siemens.com/panels</a>

	<p>( 17</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>12.1" TFT Color Display with:</b> <ul style="list-style-type: none"> <li>- 64K Colors</li> <li>- 800 x 600 Pixels (SVGA)</li> </ul> </li> <li><input checked="" type="checkbox"/> <b>User Memory of 12 MB</b></li> <li><input checked="" type="checkbox"/> <b>CF Card Slot</b> <ul style="list-style-type: none"> <li>- SD Card/MMC Slot</li> </ul> </li> <li><input checked="" type="checkbox"/> <b>2 x USB 2.0</b></li> <li><input checked="" type="checkbox"/> <b>2 x PROFINET Interface</b></li> <li><input checked="" type="checkbox"/> <b>Windows CE 5.0</b></li> <li><input checked="" type="checkbox"/> <b>Non-volatile (zero-voltage-safe) Alarm Message Buffer</b></li> <li><input checked="" type="checkbox"/> <b>Non-volatile Memory for Soft-PLC</b></li> <li><input checked="" type="checkbox"/> <b>Mounting-compatible with MP 370 12" Keypad</b></li> <li><input checked="" type="checkbox"/> <b>Support of .NET Compact Framework 2.0 for own Applications (OPP)</b></li> </ul>
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**SIMATIC Multi Panel  
MP 377 12" Keypad**



	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>19" TFT Color Display with:</b> <ul style="list-style-type: none"> <li>· 64K Colors</li> <li>· 1280 x 1024 Pixels (SXGA)</li> </ul> </li> <li><input checked="" type="checkbox"/> <b>User Memory of 12 MB</b></li> <li><input checked="" type="checkbox"/> <b>· CF Card Slot</b> <ul style="list-style-type: none"> <li>· SD Card/MMC Slot</li> </ul> </li> <li><input checked="" type="checkbox"/> <b>2 x PROFINET Interface</b></li> <li><input checked="" type="checkbox"/> <b>Windows CE 5.0</b></li> <li><input checked="" type="checkbox"/> <b>Non-volatile (zero-voltage-safe) Alarm Message Buffer</b></li> <li><input checked="" type="checkbox"/> <b>Non-volatile Memory for Soft-PLC</b></li> <li><input checked="" type="checkbox"/> <b>Mounting-compatible with:</b> <ul style="list-style-type: none"> <li>- Panel PC 19" Touchscreen</li> <li>- Flat Panel 19" Touchscreen</li> </ul> </li> <li><input checked="" type="checkbox"/> <b>Support of .NET Compact Framework 2.0 for own Applications (OPP)</b></li> </ul>
<p>( 11 KB )</p> <p><b>SIMATIC Multi Panel MP 377 19" Touchscreen</b></p>	

<b>Ordering Data</b>	
<b>Product Name</b>	<b>Order Number</b>

SIMATIC MP 377 12" Keypad	6AV6 644-0BA01-2AX1
SIMATIC MP 377 19" Touchscreen	6AV6 644-0AC01-2AX0
<b>Accessories</b>	
Service Package for MP 377 Touchscreen	6AV6 671-4XA00-0AX0
Service Package for MP 377 Keypad	6AV6 574-1AA00-2BX0
Keyboard Labeling Strips for MP 377 Keypad	6AV6 574-1AB00-2BA0
Protective Film for 12" Touchscreen, Pack of 10	6AV6 574-1AD00-4CX0
Protective Film for 19" Touchscreen, Pack of 10	6AV7 672-1CE00-0AA0
CompactFlash Card - 512 MB	6AV6 574-2AC00-2AA1
SD Card - 256 MB	6AV6 671-8XB10-0AX0
MultiMediaCard - 64 MB	6AV6 671-1CB00-0AX1
USB Flash Drive - 512 MB	6ES7 648-0DC20-0AA0
Industrial USB Hub 4	6AV6 671-3AH00-0AX0
<b>Documentation</b>	
Operating Manual MP 377 (German)	6AV6 691-1DR01-0AA0
Operating Manual MP 377 (English)	6AV6 691-1DR01-0AB0
Operating Manual MP 377 (French)	6AV6 691-1DR01-0AC0
Operating Manual MP 377 (Italian)	6AV6 691-1DR01-0AD0
Operating Manual MP 377 (Spanish)	6AV6 691-1DR01-0AE0

**Part number:**

6AV6574-1AA00-2BX0 SERVICE PACK FOR MP370-TASTEN  
 6AV6574-1AB00-2BA0 KEY LABELING STRIP FOR MP370  
 6AV6644-0AC01-2AX0 MP 377 19" TOUCH  
 6AV6644-0BA01-2AX0 MP 377 12" KEY  
 6AV6671-4XA00-0AX0 SERVICE PACK FOR MP377-TOUCH  
 6AV6691-1DR01-0AA0 OPERATING INTRUCTIONS MP 377, GE  
 6AV6691-1DR01-0AB0 OPERATING INTRUCTIONS MP 377, EN  
 6AV6691-1DR01-0AC0 OPERATING INTRUCTIONS MP 377, FR  
 6AV6691-1DR01-0AD0 OPERATING INTRUCTIONS MP 377, IT  
 6AV6691-1DR01-0AE0 OPERATING INTRUCTIONS MP 377, SP

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