



### SPC Output Expander

Vanderbilt's SPCE452 Expander offers the ability to provide expanded output capacity to the SPC system. The system can be configured from the embedded web server or from any SPC keypad.

#### Key Features include:

- Easy configuration
- Cause and effect intergration
- Configurable Output
- Individual test function per output
- 3 Selectable modes of operation per output
  - Continuous
  - Pulse
  - Momentary
- Log option per output
- Each output can be restricted by calendars

#### Key Numbers:

- 8 configurable Outputs
- Front tamper
- Back tamper

#### Operations:

##### Output options

- Zone follower
- Door Status
- User definable
- External Bell
- Strobe
- Internal Bell
- Alarm
- Confirmed Alarm
- Panic
- Hold up
- Fire
- Tamper
- Medic
- Panic
- Fault
- Tech
- Fail to Set
- Auto arm warning
- Duress
- Smoke
- Walk test





### ■ Technical Data

#### Functional

Number of on-board relays	8 (single-pole changeover, 30 V DC/max. 1 A resistive switching current)
Interfaces	X-BUS (in, out)

#### Power and Mechanical

Operating voltage	9.5 ~ 14 V DC
Operating current	Max. 80 mA at 12 V DC (all relays activated)
Quiescent current	Max. 40 mA at 12 V DC
Tamper contact	Front spring tamper, back tamper
Operating temperature	-10° ~ +50 °C
Housing	Plastic housing (ABS)
Colour	RAL 9003 (signal white)
Dimensions	200 x 153 x 47 mm (housing), 150 x 82 x 20 mm (PCB)
Weight	0.400 kg

### ■ Ordering Data

Type	Art. No.	Description	Weight*
Expander	V54542-F107-A100	SPCE452	0.400Kg

\* Total weight of the product inclusive of the weight of its accessories and packaging.

### ■ Additional Ordering Data

Type	Art. No.	Description
<b>SPC Panels</b>		
SPC6350.320-L1	V54541-C118-A100	SPC control panel, 16-512 zones, Ethernet, G5 metal housing
SPC6330.320-L1	V54541-C105-C100	SPC control panel, 8-512 zones, Ethernet, G3 metal housing
SPC5350.320-L1	V54541-C117-A100	SPC control panel, 16-128 zones, Ethernet, G5 metal housing
SPC5330.320-L1	V54541-C107-B100	SPC control panel, 8-128 zones, Ethernet, G3 metal housing
SPC5320.320-L1	V54541-C106-B100	SPC control panel, 8-128 zones, Ethernet, G2 metal housing
SPC4320.320-L1	V54541-C109-B100	SPC control panel, 8-32 zones, Ethernet, G2 metal housing
SPC4320.220-L1	V54541-C114-A100	SPC control panel, 8-32 zones, Ethernet, G2 housing with metal base and plastic cover
<b>Keypads</b>		
SPCK520.100-N	V54543-F115-A100	Compact Keypad with graphical display and audio
SPCK521.100-N	V54543-F116-A100	Compact Keypad with graphical display, card reader and audio
SPCK620.100	V54543-F110-A100	LCD keypad with graphical display
SPCK623.100	V54543-F111-A100	LCD keypad with graphical display, card reader and audio
SPCK420.100	V54543-F101-A100	LCD keypad with 2 x 16 characters
SPCK421.100	V54543-F102-A100	LCD keypad with 2 x 16 characters and integrated card reader
<b>Expanders</b>		
SPCE452.100	V54542-F107-A100	Expander with 8 outputs, back tamper
SPCE652.100	V54542-F106-A100	Expander with 8 inputs and 2 outputs, back tamper
SPCA210.100	V54547-A101-A100	2-door expander
SPCP432.300	V54545-C103-A100	Smart PSU with 2-door expander, G2-housing
SPCP433.300	V54545-C104-A100	Smart PSU with 2-door expander, G3-housing
SPCE110.100	V54542-F104-A100	Keypad expander with 2 LEDs and 3-position key switch
SPCE120.100	V54542-F105-A100	Indication expander with 16 LEDs, 4 function keys and integrated card reader
SPCW130.100	V54554-F101-B100	SiWay RF-expander
SPCP332.300	V54545-C102-A100	Smart PSU with 8 inputs and 2 outputs, G2-housing
SPCP333.300	S54545-C101-A100	Smart PSU with 8 inputs and 2 outputs, G3-housing
SPCP355.300	S54545-C105-A100	Smart PSU with 8 inputs and 6 outputs, G5 metal housing

### Detectors

PDM-I12	V54530-F114-A100	MAGIC PIR detector, 12m wide angle
PDM-I18	V54530-F106-A100	MAGIC PIR detector, 18 m wide angle
MK-1400	V54536-F101-A100	Magnetic contact

### Accessories

IPAW8-10	V54538-F107-A100	Wireless personal alarm SiWay remote control, white replaceable battery
IRCW6-11	V54543-F109-A100	
IPAW6-10	V54538-F108-A100	Wireless Personal Alarm Button

### Verification

SPCV340.000	V54542-F108-B100	Audio expander with 4 inputs and 1 output
SPCV341.000	V54542-F109-B100	Audio expander with 4 inputs and 1 line output
SPCV310.000	V54542-F120-A100	Audio satellite
SPCV440.000	V54542-F118-A100	Combi audio expander for MAGIC motion detectors with 4 inputs and 1 output
SPCV410.000	V54542-F119-A100	Combi audio satellite for MAGIC motion detectors
CCMS2010-IR	S54561-C112-A100	1/2.7" 2MP Compact IP Camera PoE(LAN)

### Access

AR6181-MX	6FL7170-8BK	Multi-technology card reader
PP500-EM	V54501-F1-A1	Heavy-duty card and PIN reader
AR6182-RX	6FL7170-8AE	Multi-technology card and PIN reader



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