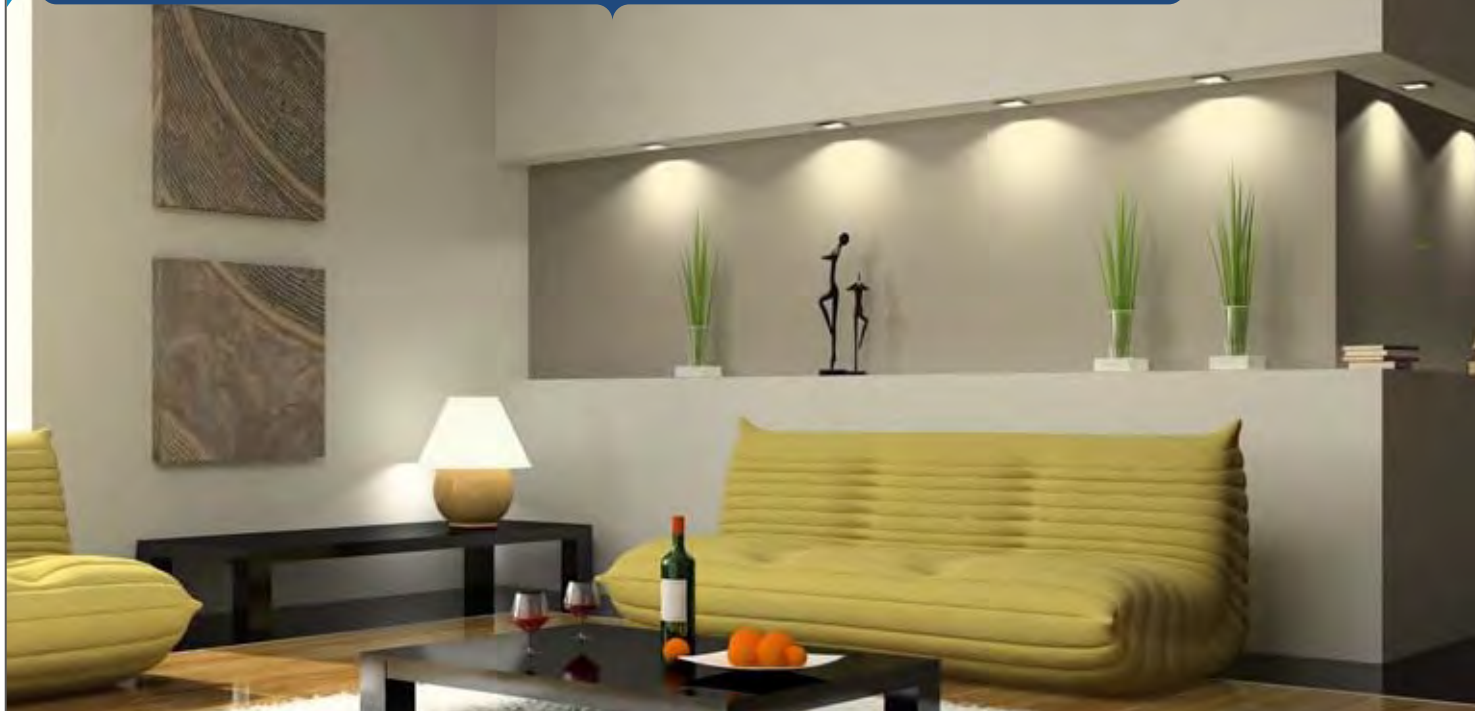


# PRO27 7" MONITOR



## 7 inch Digital Color TFT Hands-Free Monitor

Hands-free indoor 7" colour monitor. The LCD TFT monitor ensures quality chromatic performance under the color UI icon menu and the high-fidelity audio guarantees great acoustic performance.

### Features

- 7 inch digital TFT screen
- Slim design with touch sensor button
- Touch screen operation
- Selection of 12pcs 8-chord melodies
- 
- (Optional) Picture sharing
- (Optional) Album display (digital photo frame)
- (Optional) Text menu or color icon menu(SD card upgrade)
- (Optional) 128MB flash memory plus extended
- Max.16G SD card external picture recording(optional)



### High Resolution Display

- 7 inch digital TFT
- 800x480 pixel
- Color icon/text menu



### Touch Operation

- Touch screen
- Touch sensor button
- Working status illuminator



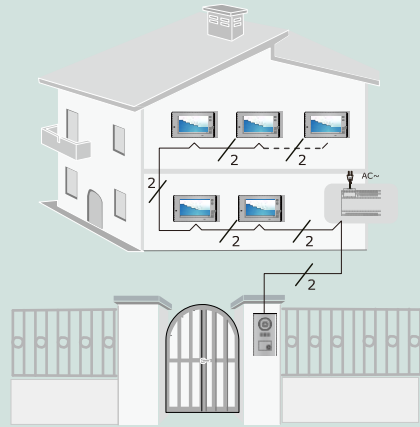
### Slim design

- 125x225x28mm
- White or black housing
- Surface wall mounting



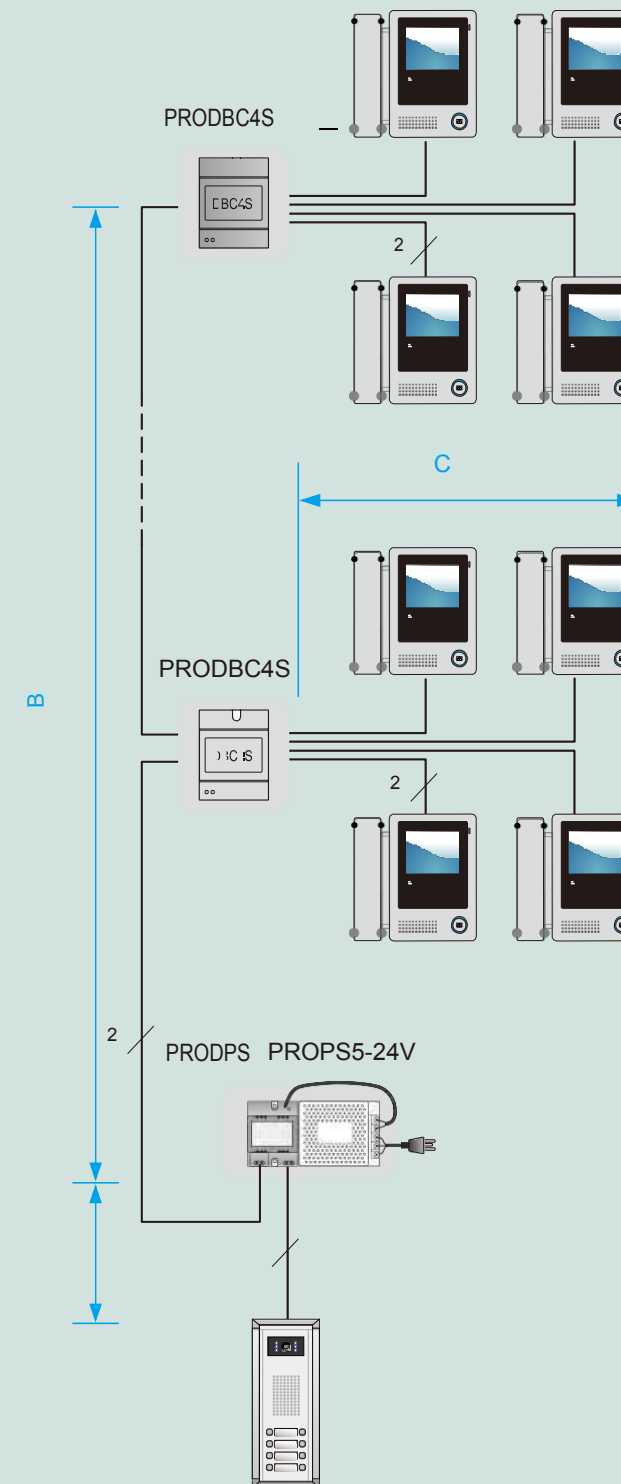
# 2 Wire System Application

## Cable and Distance



Cable	A(m)	B(m) 2 IM	B(m) 16 IM
CAT5 Cable (Combined)	40	80	—
Pair Cable (Parallel) 2X0.75 mm <sup>2</sup>	30	50	—
Twisted Cable 2X0.75 mm <sup>2</sup>	60	100	40
Twisted Cable 2X1.0 mm <sup>2</sup>	80	120	60

## Connection Diagram



## Cable and Distance

The maximum distance of the wiring is limited in the Challenger Pro system. Using different cables may also effect the maximum distance of the system can reach.

### When Monitor Quantity < 20

Cable Usage	A	B	C
Twisted cable 2x0.75mm <sup>2</sup>	60	60	30
Twisted cable 2x1 mm <sup>2</sup>	80	80	40

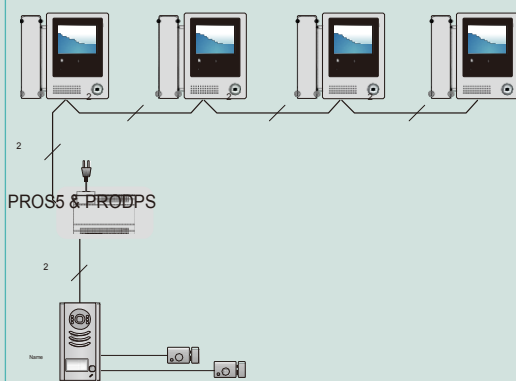
### When Monitor Quantity > 20

Cable Usage	A	B	C
Twisted cable 2x1 mm <sup>2</sup>	70	30	20
Twisted cable 2x1.5 mm <sup>2</sup>	70	50	30

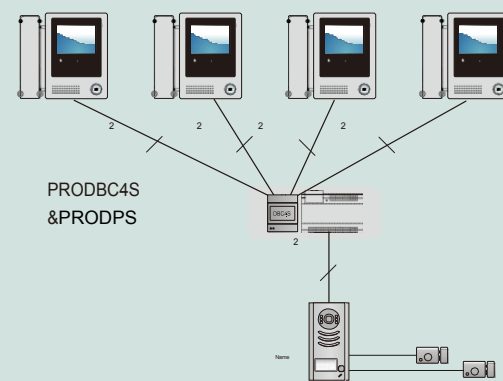
Cables should be non-shielded! Twisted pair cable is recommended, for maximum distance and performance

## Extending Monitors(up to 16)

### In-Out topology:



### Star topology:



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