



SIMPLEBUS
COLOR



Cat. 102

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Inventing Innovation



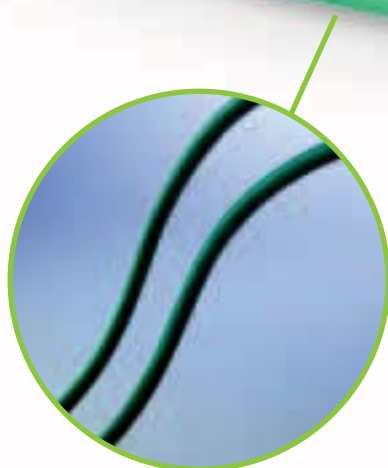
The new SIMPLEBUS COLOR technology has blossomed.

From the research which boasts paternity for the first two-wire system comes SIMPLEBUS COLOR - the most complete, flexible and innovative colour video door entry system. Simple to install, it guarantees high quality with the very best professional results for installers.



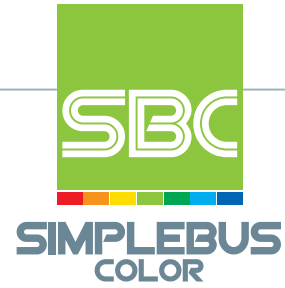
We know how to look way ahead...

An exclusive result of Comelit research, Simplebus Color represents the most advanced technology, able to ensure real results in terms of installation simplicity, rationality of use and rapidity of understanding. The characteristics of Simplebus Color revolutionise traditional installation methods, optimising all the operating phases. The international success of the two-wire system is the best witness to show how technological innovation is immediately accepted with satisfaction when it means true progress.



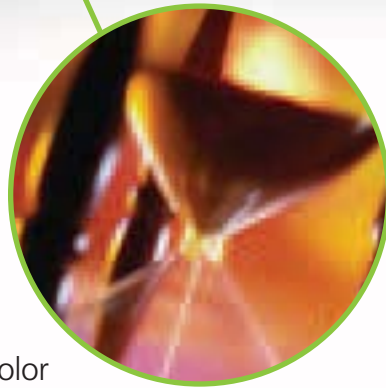
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So much time saved

The main advantage the innovative Simplebus Color technology offers is the significant time saving during installation: about 50% less compared with traditional systems. This is thanks to the original technical characteristics — in synergy with each other — used by this new digital system with 2 wires. All the return conductors from the external units have been eliminated and, in the case of video entry system installations, the coaxial cable, the video distribution amplifiers and the monitor power supply as well. The extraordinary simplicity of Simplebus Color also reduces the possibility of errors during the cabling and installation stages.



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Getting to where others cannot reach



From 1 to 240 users

Simplebus Color technology allows up to 240 users to be connected with just 2 wires, including the power supply. Simplebus Color makes it possible to realize any type of system, from two-family homes to the largest residential complexes, with maximum simplicity and efficiency.

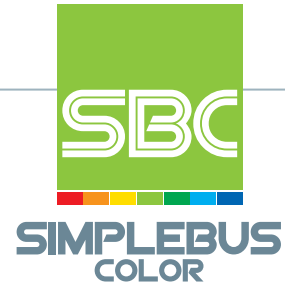
Up to a distance of 600 metres

Simplebus Color happily connects external units which are up to 350 metres from the monitor. Simply by adding a line amplifier, it is possible to make systems which carry audio-video signals from the external unit to monitors as far as 600 metres away!



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Incredible versatility



Infinite plant solutions

By using the Simplebus Color technology, systems with an unlimited number of main and secondary entrances can be realised, together with a porter switchboard where necessary.

Furthermore, several simultaneous secondary entrance communication is possible without engaging the main entrance units.

Fully intercommunicating system

Simplebus Color allows up to 8 branches of both door entry phone and video entry phones to be made intercommunicating, preventing the conversation between them interfering with the main and secondary external units.

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Possibility of using any type of cable

Simplebus Color works perfectly with any type of cable: dedicated Comelit, two-wire, braided, braided and shielded or telephone cable. Simplebus Color is therefore also ideal in refurbishment works because the existing cables can be used. Replacement of telephones with video monitors becomes very simple, as does the realisation of mixed systems.



Implementation: everything is possible

The Simplebus Color system is designed and organised to allow the possibility of adding remote cameras for video surveillance of one or more areas.




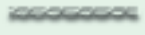


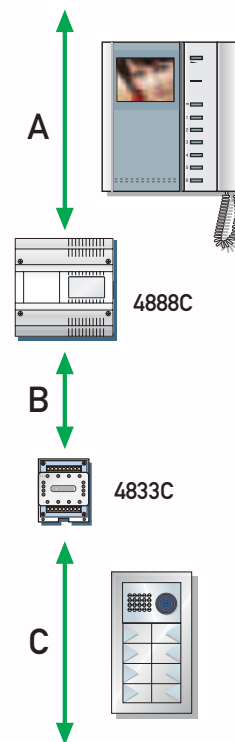
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Maximum distances and characteristics of the conductors

Connection of the equipment is of the non-polarised type. Use of conductors with characteristics other than those prescribed, does not guarantee reaching certain installation distances or good quality of the video signal, so only cables described in the following tables should be used.

Type of cable	MAX distance between Mixer and internal unit	MAX distance between Art. 4833C and Mixer Art. 4888C	MAX Distance between external unit and Art. 4833C
	A	B	C
Comelit cable Art. 4577 1 mm ² cross-section 	200 m	200 m	200 m
Two-wire cable 1.5 mm ² cross-section 	150 m	100 m	100 m
Braided and shielded cable 1 mm ² cross-section 	120 m	80 m	80 m
Twisted telephone cable 0.28 mm ² cross-section 	100 m	150 m	150 m



Installers are content, users are satisfied



From audio to video with just a few changes

With Simplebus Color technology, simply add the camera module to the external unit and replace the telephone with the monitor.



Complete application modularity

The principle of rationality and versatility characterising the Simplebus Color system is also confirmed in its technical-structural aspects: the power supply unit is contained in 12 DIN modules and can therefore easily be inserted in a standard 12-module switchboard.

Mixer with 4 outputs

Simplebus Color has a mixer with 4 outputs to make even complicated plants simply, where, for example, there are several blocks of flats and several staircases.



Wide choice of entrance panels

There are several different types of entrance panels to choose from, capable of enhancing the architecture and style.



Programming with dip-switches

Only one person and a few seconds are all that is needed to programme the door entry phone, the monitor and the entrance panel, simply by setting the position of the dip-switch for each code.



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