

# INTEGRUS

The language of perfection



Security Systems

### Strength through compatibility

The Bosch Integrus is complemented by other Bosch product families which support discussion, presentations, decision-making and information distribution. The DCN (Digital Congress Network) is ideal for situations ranging from small-scale meetings right up to major international congresses with thousands of delegates. DCN discussion equipment offers the same high quality but is optimized for small-scale gatherings and discussions. The CCS 800 is a versatile, economical solution for conference control in small- and medium-sized meetings.



DCN  
Conference Unit



DCN  
Discussion Unit



DCN  
Interpreters Desk



INTEGRUS  
Infra-Red Receiver

Bosch Security Systems  
For more information please visit  
[www.boschsecuritysystems.com](http://www.boschsecuritysystems.com)

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## Language distribution without distortion



### INTEGRUS

the Digital Infra-Red Language Distribution System

- No interference from lighting
- Superior digital audio quality
- User-friendly selection of 32 channels
- Easy interfacing with DCN and other congress systems
- Can be used in bright sunlight

A fundamental question was posed to a wide cross-section of congress specialists such as installers, rental agents and facility managers: what improvements would you like to see in language distribution systems? The overwhelming response: no interference from lighting, and better sound quality.

The Integrus from Bosch Security Systems fits the bill precisely. It is the world's first fully digital infra-red language distribution system. And what it does, thanks to an ingenious, specially developed technology called Ir-Digital, is ensure that sound comes out exactly as it goes in. A prime example of really 'Be better be Bosch'.



#### Sound business sense

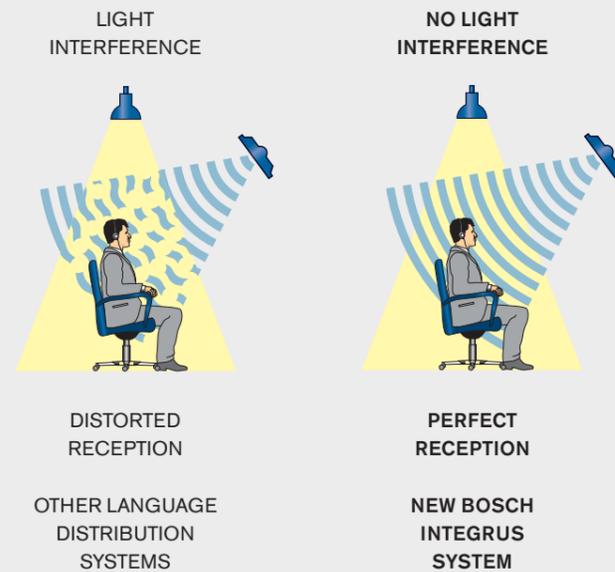
Integrus is good for your business. The reputation (and drawing power) of your venue will be enhanced by having perfect quality language distribution. Delegates can't fail to be impressed by the clarity of interpretations, as well as how easy the system is to use. Integrus - the name says it all, taken from the Latin *Integritas*, meaning 'correctness in language', 'pure' and 'undistorted'. It provides the one language that every congress participant appreciates, regardless of their native tongue; the language of perfection.

#### Congress specialists

Bosch Security Systems has quite a track record in congress. The DCN (Digital Congress Network) was the world's first digital congress system.

Our congress and language distribution equipment has been in use in venues all over the world for decades. From local town halls to international congress centers with thousands of participants, Bosch helps people get their point of view across.

## A flexible system with outstanding results



### Fully approved:

Integrus fully complies with the new **IEC 61603-PART7**, which is the industry standard for digital infra-red transmission in the 2 to 6 MHz frequency band.

#### Perfect reception

The most remarkable aspect of the Integrus is its complete immunity to interference from lighting systems. By using a higher frequency band (2 to 8 MHz) it operates way beyond the reach of all types of hall lighting. This gives it a significant advantage over analog systems, which are often affected by the increasing use of high-frequency lighting systems, especially those with dimmers. Integrus offers you perfect reception, every time.

#### Hearing is believing

As for the digital sound quality itself, it has to be heard to be believed. A much higher signal/noise ratio of more than 80 dB, plus in-built error correction, gives a crystal clear signal at every point in the venue. Using standard quality mode - which is more than adequate for interpretations - 32 channels can be distributed simultaneously. You can also choose 16 premium quality mono channels, or 8 channels of premium quality stereo transmission

#### Easy channel selection

Any one of up to 32 different channels (31 interpretations + 1 floor) can be selected by simply scrolling through the menu. Unused channels are automatically removed, which makes it easier to find the desired language.

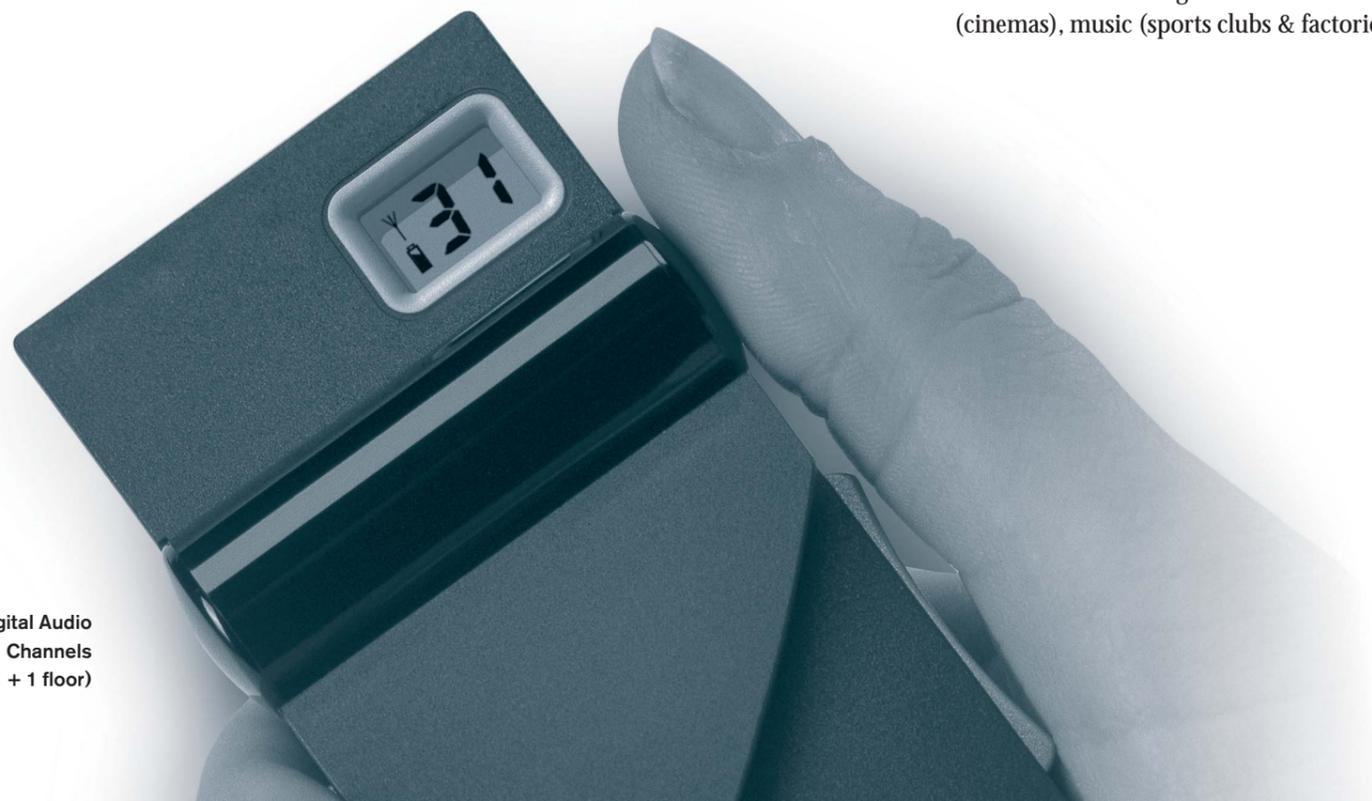
#### Compatible with virtually every congress system

As you would expect, Integrus is widely compatible. Link up to the DCN and keep your congress proceedings in the digital domain, which means far greater control and better audio quality. Use it with discussion systems (CCS 800) for perfect reception at smaller meetings. Or easily interface with virtually any other brand of congress system.

#### Language distribution ...and more

Integrus is ideal for congress centers, universities, international organizations, or indeed any venue where simultaneous interpretations take place. But it can also provide perfect quality, wireless multi-track audio in other situations, for instance multi-lingual soundtracks (cinemas), music (sports clubs & factories).

Up to 32 Digital Audio Channels  
(31 + 1 floor)



## From interpreter to delegate - in perfect condition

The Integrus fits seamlessly in the chain which starts with congress systems and continues through interpreters. With Integrus taking care of language distribution, you know that interpretations will always arrive in perfect condition.



Complete freedom of movement and guaranteed privacy

**Integrus** is a wireless language distribution system, so conference delegates can enjoy **complete freedom** of movement while listening to the language interpretation of their choice. And **infra-red transmission** guarantees **privacy**, as signals do not pass through walls or ceilings.



**Headphones**  
Delegates listen to the interpretation of their choice using stylish, comfortable stereo headphones or lightweight ear hangers which are even more unobtrusive.



**Digital receivers**  
The ergonomically designed receivers fit easily into a shirt or jacket pocket. 32 different channels can be received. Easy channel selection and an ingenious coverage checking function make life easy for users and installers alike.



**Digital transmitter**  
Interfaces with analogue and digital congress systems. A master/slave mode allows distribution of interpretations to adjacent rooms.



**Digital radiators**  
The radiators transmit at a much higher frequency (2 to 8 MHz) to completely eliminate any interference from hall lighting. Radiators of 12.5 watt and 25 watt are available to suit venues of various sizes.



**Charging units**  
These charging units - as well as the advanced electronics in the receivers - ensure optimum charging performance and maximum battery lifetime. Available in suitcase or cabinet form.