

MAGIC SCREENER

The **MAGIC SCREENER** database software allows in combination with the **MAGIC TOUCH** software a comfortable screening, management and evaluation of all callers. Also, remote control of the **MAGIC ISDN Telephone Hybrid** is possible (e.g. dialling of callers).



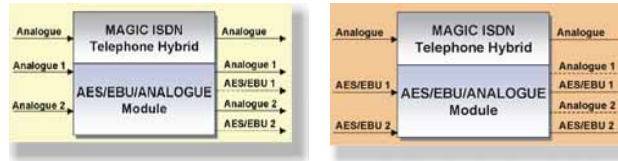
MAGIC TOUCH, **MAGIC TOUCH ADMIN** and **MAGIC SCREENER** software are connected over the LAN network using TCP/IP protocol. The caller information be stored in a common database, which can be accessed by all applications. Multiple installations of **MAGIC SCREENER** in the local network to realise multiple screener access are possible. The software provides the following operation modes:

- Screener: In addition to the indication of the hybrid status, an input mask with all relevant caller information will be displayed. This mode realises the screening functionality.
- Presenter: The Presenter will get all relevant information on all callers in optimised font size, and also the status of the telephone hybrid.
- Presenter ON AIR: The Presenter will only get the ON AIR caller in optimised font size.
- Only Data Editing: Modification and statistical evaluation of caller data.

Hardware Options

AES/EBU/ANALOGUE Module

The **AES/EBU/ANALOGUE Module** can be fitted into all systems of the **MAGIC ISDN Telephone Hybrid** series. Thereby, each system will be extended by two analogue or two digital AES/EBU Audio inputs and outputs. Both digital channels are physically a single AES/EBU interface (left/right). A Master and three Slave units provide 12 Audio interfaces in maximum (in- and output).




MAGIC Hybrid Keypad/PC




Keypad PC. The unit can be directly connected to the PC. The control concept of all keypads is similar to the **MAGIC TOUCH** Graphical User Interface. The **MAGIC Hybrid Keypad 4/7/12** can also be used as a redundancy solution instead of the PC control.



The **MAGIC Hybrid Keypad** allows simple operation of the **MAGIC ISDN Telephone Hybrid** without PC and will be directly connected to the RS232 interface of the system. Up to four, seven or twelve callers can be controlled. **MAGIC TOUCH** or **MAGIC TOUCH LAN** software users who do not have a Touch Screen can operate the hybrid system with the **MAGIC Hybrid**



MAGIC ISDN TELEPHONE HYBRID SYSTEM



- Modular System for up to 16 callers
- AGC and Echo Canceller for each caller
- Analogue and Digital Audio Interfaces
- Touch screen control
- Screening
- DTMF functionality for gameshows

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MAGIC ISDN Telephone Hybrid System

with **MAGIC TOUCH** control



The **MAGIC ISDN Telephone Hybrid System** is a modular system. The basic system (Master) which is only one unit in height allows the digital mixing of all incoming calls. The mixed signal is available at a common analogue (optional digital) On Air output. The system incorporates 2 x S0 ISDN BRI interfaces for up to 4 callers. Alternatively, one or more B channels can be used for Call Forwarding, e.g. calls can be switched to the editorial office.

With the control software which is optimised for Touch Screen operation, the program presenter can select the callers who shall be switched simultaneously On Air. The mixing of all callers takes place digitally in the system. Each caller gets a return signal which incorporates the On Air signal (e.g. program presenter & music) and the mixed signal from all callers switched On Air. The individual signal of each caller is digitally filtered (Mix Minus function).

A digital line echo canceller for each caller (B channel), an Automatic Gain Control (AGC) and an Expander for noise reduction improve the Audio quality.

The Hold signal can be the program signal or a stored individual Hold signal of 8 seconds duration.

With the optional AES/EBU/Analogue Module the Basic system can be expanded by two digital or two analogue inputs and outputs. Thereby the Audio interfaces can be used for, e.g., a first interface for Pre Talk, a second interface for On Air and a third input for an external Hold signal.



An Extension System (Slave) extends the number of operational B channels. In addition, an analogue Audio input and Audio output

are available, that can be used, e.g., for the Pre Talk function via the optional handset or the analogue Pre Talk interface. A maximum of four systems for up to 16 simultaneous callers as well as 12 Audio lines can be interconnected. All 16 callers can be digitally mixed. Any B channel can optionally be configured for call forwarding.

MAGIC TOUCH

Control Software for Touch Screen operation

MAGIC TOUCH is a Windows based PC Software for the control of the **MAGIC ISDN Telephone Hybrid System**. The software is optimised for Touch Screen operation and visualises the status of all callers. Level indication and level control as well as telephone book and screening information based on a database, are important features of the **MAGIC TOUCH** software.



MAGIC TOUCH LAN

Remote control via TCP/IP

Remote control over LAN can be realised using the **MAGIC TOUCH LAN** software option. All **MAGIC TOUCH LAN** control stations show the same status of the system and can control the caller lines. Faulty control can be protected by the definition of access control. Up to seven LAN operation stations can be realised.

MAGIC TOUCH ADMIN

Administration software for a Central Hybrid System

The software upgrade **MAGIC TOUCH ADMIN** allows the administration of a Central Hybrid System. The software can adjust the

hardware resources (ISDN and Audio lines) of the complete system for up to four Studios. The operator stations for the separate studios show only the caller lines of the dedicated studio and allow totally separate operation using the **MAGIC TOUCH LAN** Software.



MAGIC ISDN Telephone Hybrid DTMF **NEW**

The extension system **MAGIC ISDN Telephone Hybrid DTMF** allows the evaluation of the received DTMF tones for all 16 caller lines. The system can operate as a DTMF analyser or as a normal Slave system. The DTMF analysis is designed for game shows where callers are answering questions by DTMF tones. In addition to the indication of the received DTMF tones also the received order is marked. The software modules **MAGIC TOUCH**, **MAGIC TOUCH LAN** and **MAGIC SCREENER** support the indication of the DTMF tone evaluation.

