

Adapterboard Preselect 1000i

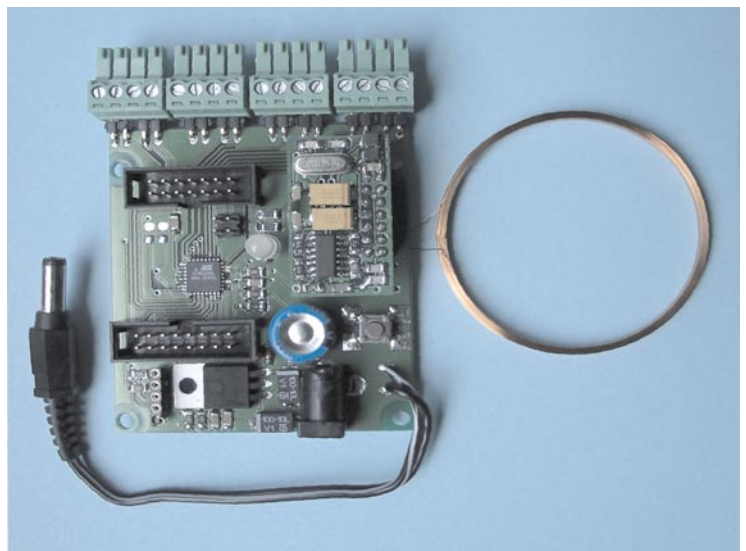
The Adapterboard PreSelect 1000i is a high-performance upgrading tool for the professional Flashplayer FP-Pro 1000i. The circuit board is easily plugged in to the Flashplayer's terminal block and subsequently screwed together. The Adapterboard includes a wireless transponder reader and clip-on receiving antenna which can be installed within a distance of up to 2 m of the transponder reader. Since the antenna is able to permeate any nonconductive material such as glass, wood or plastic, it is possible to quickly position it at any location thus becoming barely visible to the visitor.

The Adapterboard PreSelect 1000i offers a wide range of operational options. It allows a controlling of the Flashplayer FP-Pro 1000i via a wireless transponder tag. The main area of application is the play-back of audio and video information aiming at a specific target group. For instance, upon entering, a person visiting an exhibition or a museum receives a transponder card identifying him or her as a German or English speaker. Furthermore, it is also possible to distinguish between laypersons, experts and children. Once the visitor is standing in front of an exhibit he simply holds his or her personal transponder card near to the receiving antenna. His language and visitor profile is then immediately transmitted to the Flashplayer. The Flashplayer is now able to run the play-back of the information in the proper language and corresponding to the visitor's standard of knowledge.

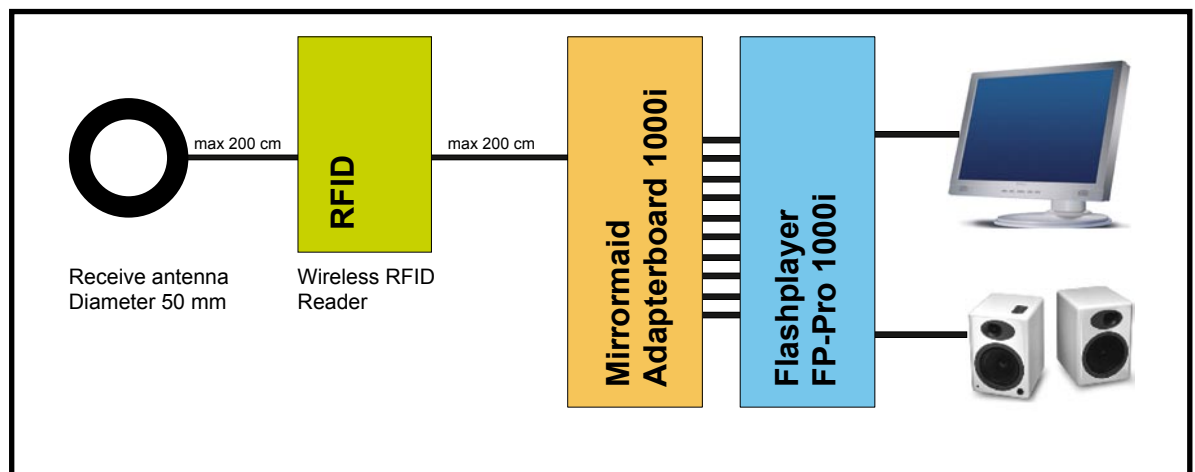
By means of the Adapterboard PreSelect there are hardly any limits to the multimedia-planner's imagination. This way, exhibits can also be equipped with a variety of different transponders. The transponders tags are available in miscellaneous construction forms and are easily installed in a way that they are not discernable for the visitor's eye. As soon as the respective item is held in front of the receiving antenna the corresponding information is played-back immediately.

Areas of Application and Operation

- Automatic language selection at audio and video stations
- Information systems optimized for particular visitor groups
- Controlling of interactive exhibits
- Equipping of museums and exhibitions suitable for children



Block Diagram



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Adapterboard Preselect 1000i

Technical Specifications

Technology:	PreSelect Adapterboard for controlling of the FP-Pro 1000i Flashplayer
RFID-reader:	heddierr Pico-Modul, 125 kHz HITAG 1/S (pluggable)
Antenna RFID-reader:	Inductor antenna, diameter approx. 50 mm
Coding:	32bit key, issued individually corresponding to project
Reading range RFID:	Max 60 - 80 mm, permeates non-conductive material
Operating Voltage:	12 Volt DC, max. 100 mA, feed-in via mains supply unit of Flashplayer FP-Pro 1000i
Outputs:	Contact strip for Flashplayer FP-Pro 1000i interface Buzzer, audio signal for reading confirmation Operating voltage interface for Flashplayer FP-Pro 1000i
Controlling Input:	It is possible to directly start up to 16 audio or video files by reading of a transponder. For instance, information in different languages or information individually aimed at special visitor groups may thus be played-back without any delay.
Miscellaneous:	Controlling of the audio and video stations' volume via staff transponder card. No more annoying opening of the exhibits or looking for remote controls. Statistics function (quantity of playbacks per channel) Clip-on antenna and RFID Module
Size PreSelect 1000i:	68 x 60 (W x D in mm) (without overlapping pin-and-socket connectors)
Size RFID-Module:	33 x 19 (W x D in mm)
Size Antenna:	50 mm diameter
Weight:	Total of max. 100 grams
Scope of Delivery:	Adapterboard PreSelect 1000i with installed RFID reader and receiving antenna
Optimal Equipment:	Transponder cards and individual construction forms on demand Connecting cable for clip-on installation of receiving antenna LCD display for presentation of statistics data

Our developing technicians will be of assistance should you require any help regarding the integration of the Adapterboard in the desired application.

Technical changes and errors reserved.



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