

# BECKER COM

---

## COMMUNICATION



**BECKER DP-4100 Digital Player**

■ The announcement and boarding music system DP 4100 of Becker Avionics has been developed in the latest state of the art data compression MP 3 format, using no moving parts, thanks to full digital technology. The announcement information and the boarding music are stored in MP 3 format on standard PCMCIA ATA flash memory cards, easy to operate, just like a cassette player.

The winning concept in using digital technology are

- less maintenance costs
- easy operation

The Digital Player DP 4100 is fully compatible with standard public address amplifiers. It is the direct retrofit replacement of all versions of the TP 3100. ■

# BECKER AVIONIC SYSTEMS

## Technical data

### ■ General data

Power supply voltage	+27.5 V DC nominal
Power supply voltage range	+8 V to 32.2 V DC
Power consumption (without backlight)	approx. 0.2 A at 27.5 V
Audio output (balanced)	
Stereo or mono	+ 13 dB <sub>m</sub> into 600 Ω @ 1 kHz
Display technology	LCD (positive) with backlight
Display resolution	glass 92 x 37 pixels effective 86 x 31 pixels
Viewing angle	better than 45° with 12 o'clock preferred viewing angle
Backlight colour	amber
LED colour	amber
Dimming	internal or external via setup or via potentiometer

### ■ Recording Data

Signal processing format	MPEG2 layer 3
Play-back time	more than two hours (depending on the capacity of the PCMCIA card)
PCMCIA cards	type I and II up to 640 MB

### ■ Environmental conditions ( RTCA/EUROCAE, DO-160D/ED -14 D)

Operating temperature	- 20° C.....+ 55 ° C
Storage temperature	- 55° C..... + 85 ° C
Altitude max.	50000 ft.
Humidity Range	Cat. A
Vibration	SU without shock mount

### ■ Mechanical dimensions and weight:

Front Panel	57 x 146 mm (2.24 x 5.75 inches) DZUS fastened
Case depth	201 mm (7.91 inch), incl. unit connector
Weight	760 g (1.65 lbs)
Installation	DZUS
Panel color	black (standard)

### The PCMCIA card can be configured in two main modes:

- Boarding music
- Passenger information



Flight information menu



Language selection menu



Announcement menu

All settings such as volume, treble, bass, PTT override etc. can be stored on the PCMCIA card, using the system with more convenience. Frontal loading of the PCMCIA card allows quick changes of the cards.

BECKER FLUGFUNKWERK GMBH  
Baden Airpark B 108  
77836 Rheinmünster/Germany  
Phone +49 (0) 7229 / 305-0  
Fax +49 (0) 7229 / 305-217  
e-mail: info@becker-avionics.de  
http://www.becker-avionics.de

Distributed by:

**BECKER**  
AVIONIC SYSTEMS