



Key Features:

- All functions are processor-controlled
- Configuration data stored in non-volatile flash memory
- Condenser microphone including pre-amplifier and compressor / limiter
- Programmable key-assignment
- Easy labeling of keys via label-strips and MS WORD templates
- Monitoring of the analog circuitry via integrated pilot-tone oscillator
- Line-monitoring via pilot-tone and polling
- Covered alarm key (except at the DPC 4106)
- Set-up mode allows altering parameter settings directly at the paging station
- Two-line LCD display



DPC4520 Paging Station

General Description:

The ProAnnounce system includes 5 different paging station models and one paging station extension of the DPC 4000 - series. All paging stations employ gooseneck microphones, 6 or 8 function keys, and a covered alarm key. An additional key as well as a key-lock switch can be retrofitted. All paging stations are available with 10, 20, 30, or 50 selection keys. All models come with an LCD display (2 lines with 16 characters each).

The available models are:

- DPC 4106 with 6 function keys
- DPC 4510 with 8 function keys, 10 selection keys and an alarm key
- DPC 4520 with 8 function keys, 20 selection keys and an alarm key
- DPC 4530 with 8 function keys, 30 selection keys plus an alarm key
- DPC 4550 includes 8 function keys, 50 selection keys and one alarm key
- DPC 4350 paging station extension unit provides 50 additional selection keys to any paging station above.

Technical Specifications:

DPC MODEL	4106	4510	4520	4530	4550	4350
Operation voltage	24 V DC (21,6 V - 31,2 V)					
Power cons. (24 V) mA	80	80	85	90	90	90
Min. operation voltage	15 V DC					
Max. pwr cons. (15 V) mA	120	120	120	120	135	95
Audio input external						
Line (default)	0 dBu					
PTT - microphone	-52 dBu					
Audio output	+6 dBu					
Alarm Key	Opt.	Yes			N/A	
Display	2 x 16 digits (LCD)					N/A
Connection	RJ-45					
Cord length (ft.)	3.2					1.6
Enclosure DxH	160 x 65 mm					
Enclosure Width	170	225	270	320	405	335
Weight	1.0	1.5	1.7	1.8	2.5	1.9
Finish	Gray-White RAL9002, microstructure					

Architecture & Engineering Specifications:

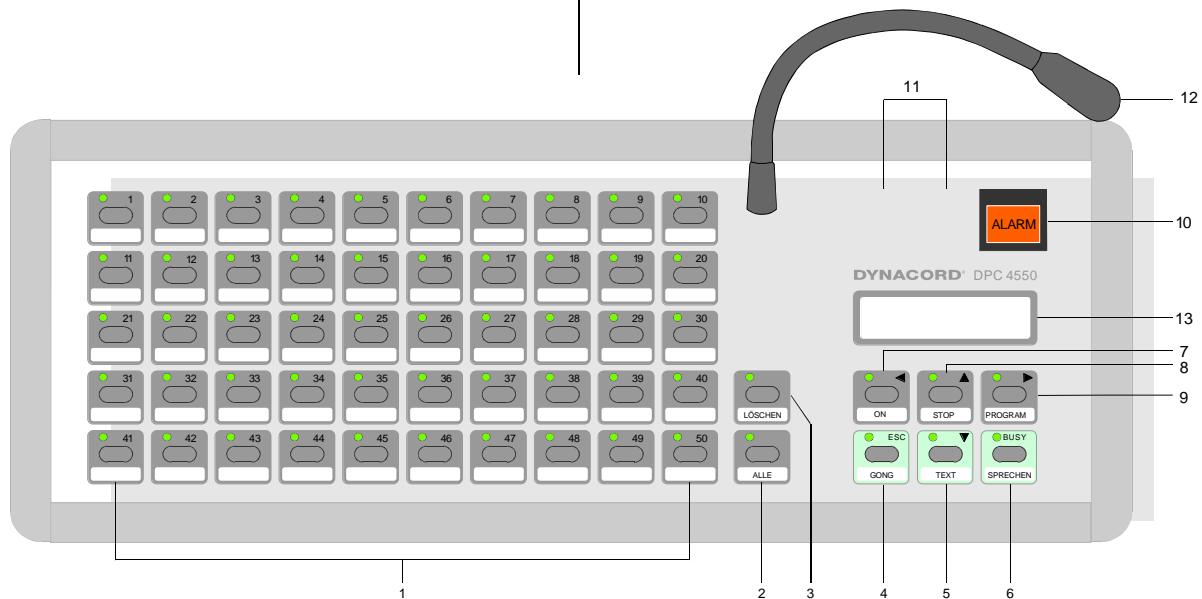
The paging stations shall be processor-controlled and provide several monitoring functions. The units shall provide configuration data storage using non-volatile flash memory. The paging microphone shall be of the condenser type and include pre-amplifier and compressor / limiter. The paging station keys shall be programmable. The paging station keys shall be easy to label via label-strips and MS-WORD templates. The units must contain integrated watchdog circuitry to monitor the processor system while the audio section is guarded by the signal of a switchable pilot tone oscillator. Additionally, the internal supply voltage shall be constantly measured. Once it drops below a critical threshold, a warning signal must be being transmitted. Line-monitoring for the audio-cabling as well as for all RS-485 control-lines allows shall provide early recognition and signaling of line-interrupts and short-circuits. The configuration of the paging stations shall be accomplished via ProAnnounce Designer software. The software shall be a graphical, dialog-oriented user-interface allowing the setting of all key-functions, priorities, options, and several other parameters.

Available Accessories:

Model	Cat. No.	Description
NRS90209	121718	Monitor speaker
NRS90232	121722	I/O Transformer
NRS90231	121721	Keyed Switch
NRS90230	121720	Button/Switch

Ordering Information:

Model	Cat. No.	Description
DPC4106	121762	6 key paging console
DPC4510	121623	8 Function 10 key console
DPC4520	121624	8 Function 20 key console
DPC4530	121622	8 Function 30 key console
DPC4550	121625	8 Function 50 key console
DPC4350	121626	50 key expansion console



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| <ul style="list-style-type: none"> 1 Selection keys (up to 50 depending on model) 2 All key with LED 3 Cancel key 4 "Gong" or "Chime" key 5 Text key for prerecorded messages 6 Talk button with "busy" LED 7 On key | <ul style="list-style-type: none"> 8 Stop key 9 Program key 10 Alarm Key (covered) 11 Space for optional keys 12 Microphone 13 LCD display |
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Ev Electro-Voice®

12000 Portland Av. South, Burnsville, MN 55337
 Phone: 952-887-4051, Fax:952-887-0043

www.electrovoice.com

Telex Communications Inc 11/2002
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USA and Canada Only. For customer orders contact
 Customer Service at: 800/392-3497 Fax: 800/955-6831