



FEATURES

- Ideal for controlling multiple transmitter sites via multiple links
- Interfaces paging terminals to up to 16 transmitters/links
- Wirelines, microwave, or radio links may be used in any combination
- Inhibits paging to “busy” zones
- Supports zone sequencing and/or simulcast operation
- Compatible with Zetron 640 or 2000 Series paging terminals

INTRODUCTION

The Model 68 is ideal for systems that require multiple transmitter links driven by a single paging terminal. In applications where high throughput is not an issue, the Model 68 provides cost effective transmitter control. It allows a Zetron Model 640 or 2000 Series paging terminal with a single radio control interface to selectively address multiple transmitters and transmitter systems.

TRANSMITTER CONTROL

The Model 68 Transmitter System Controller acts as a signal distributor for audio, modulated data, and control signals. Through zone addressing and sequencing, modem tones, remote control tones, analog paging tones, and voice pages may be distributed to multiple transmitters and transmitter systems.

Up to 16 links — link transmitters, wirelines, or microwave channels — may be used in any combination. The Model 68 comes with two transmitter control cards, which can each control a single transmitter. Up to 14 additional transmitter control cards can be installed.

SHARED CHANNELS

The Model 68 is compatible with shared channel applications commonly required for PCP operators. The Model 68 monitors a COR or busy tone input obtained from a link receiver or a 4-wire interface from a remote transmitter site for channel activity before transmitting. The Model 68 forwards a channel “busy” indication back to the paging terminal so that the pages destined for that zone can then be stored by the paging terminal and resent when the zone is clear.

SPECIFICATIONS

Physical:	5.25" high, 19" wide, 9" deep 19" Rack Mounting
Power Requirements:	115 Volts AC +/- 10%, 47 to 63 Hz 22 Watts maximum
Card Slots	16 Transmitter control interface
Wireline interface:	Audio Transmit and Receive Pairs
Link radio interface:	PTT, COR, Audio
Input Audio Level:	0 dBm nominal
Output Audio Level:	-20 to +4 dBm
Busy Tone Frequency:	Adjustable, 350 to 3000 Hz
Interface to Model 640 or Series 2000:	Clock/Data Buss
Transmit Audio:	Channel busy input



ZETRON AMERICAS

PO Box 97004, Redmond, WA USA 98073-9704

(P) 1 425 820 6363

(F) 1 425 820 7031

(E) zetron@zetron.com

ZETRON EMEA

27-29 Campbell Court, Bramley, Hampshire RG26 5EG, United Kingdom

(P) +44 1256 880663

(F) +44 1256 880491

(E) uk@zetron.com

ZETRON AUSTRALASIA

PO Box 3045, Stafford Mail Centre, Stafford QLD 4053, Australia

(P) +61 7 3856 4888

(F) +61 7 3356 6877

(E) au@zetron.com

©Zetron, Inc. All rights reserved.
Zetron® and Zetron and Design® are
registered trademarks of Zetron, Inc.
All other trademarks are properties of
their respective owners.

See Zetron price list for option pricing.
Specifications subject to change
without notice.

www.zetron.com

005-1121C May 2011