VMIX

UNSWITCHED

500W MAX

~120V 60Hz

RESET

UNBAL OUT
(0 dBu)

BRIDGING
IN/OUT

BAL OUT
LEVEL
−50 −10 +4
(dBu)

BAL OUT

UP
C.
DN

REMOTE
VOL

H
M
L
C

MUTE
CONTROL

BOGEN
COMMUNICATIONS, INC.

RIO1S

LEVEL
IN   OUT

IN OUT

OUT/MUTE

IN J RLY 1 2

MUTE

BOGEN

INPUT   INPUT   INPUT   INPUT

6   5   4   3

TNG1S

LEVEL

T1
T2
T3
T4
COM

BOGEN

NORMALLY OPEN
CUSTOMER
SUPPLIED SWITCH

6 CONDUCTOR
MODULAR
CABLE

PCM
TIM

TONE
VOLUME

BGM SRC
VOLUME

POWER

OVER
RIDE

PAGE
PORT

VX   GS
CC   LS

P/P

TRUNK

TRUNK

STATION

90V
NGT
RNG

NGT RNG

RT

BGM SRC

NC
COM   RLY
NO   ONE

NC
COM   RLY
NO   TWO

GS

Contact closure
Dry audio input to PCMTIM (from ProHold)
Not used
Not used
Dry audio input to PCMTIM (from ProHold)
Contact closure

CONFIGURATION 13:

EMERGENCY ALERT TONES

Emergency Alert Tones is a non-programmable feature that lets the caller take priority over all paging functions and send an emergency alert tone to all speakers. In addition to the PCM2000 modules, this option requires a Bogen VMIX (8-channel mixer/pre-amplifier), an input/output module RIO1S, and a Tone Generator module TNG1S.

INSTALLATION:

STEP 1: Assemble Modules PCMTIM to PCMCPU and to PCMZPM (see Illustration/Instructions on Appendix page 37, then return to this page and complete the following Steps).

> Note: **DO NOT** connect the PCMPS2 (power supply) at this point.

STEP 2: Connecting the Paging Amplifier

- Locate the terminals on the PCMCPU module labeled PA IN/RT and wire to the TIP and Ring (T & R) input on the Bogen paging amplifier (either TPU-Series, GS-Series, or Classic Series amplifiers).
- Locate the terminals on the PCMCPU module labeled PA OUT/RT and wire to COMMON and either the 25 or 70V output on the paging amplifier.

STEP 3: Connecting Optional Equipment

- Insert a RIO1S module into Slot 7 or 8 of the VMIX, and insert the TNG1S into one of the other slots (1 thru 6).
- Connect a 6-conductor cable between RJ11 modular jack on the RIO1S and the OVER RIDE input on the PCMTIM.
- Any selected tone on the tone generator module TNG1S can be activated using a dry contact closure (relay, switch, etc.).

STEP 4: Switch and Control Settings

- Refer to paging access modules described previously. See instructions described in the first bullet within **STEP 3** on page 5 if using Page Port Contact Closure; page 7 for Page Port VOX; page 9 for Loop Start Trunk; page 11 for Ground Start Trunk; or page 13 for Station Level/Centrex. Then return to this page to complete the following Step.

STEP 5: Testing Your System

- Connect the power supply PCMPS2 to the PCMCPU module to either the power jack 12V DC input or wire it to the 12V DC screw terminals, observing polarity.
- Connect the Bogen amplifier to the AC power outlet (120V AC 60Hz).
- Set the volume on your Bogen amplifier to a half turn.
- Press the normally open customer supplied switch once and listen for the emergency tones.