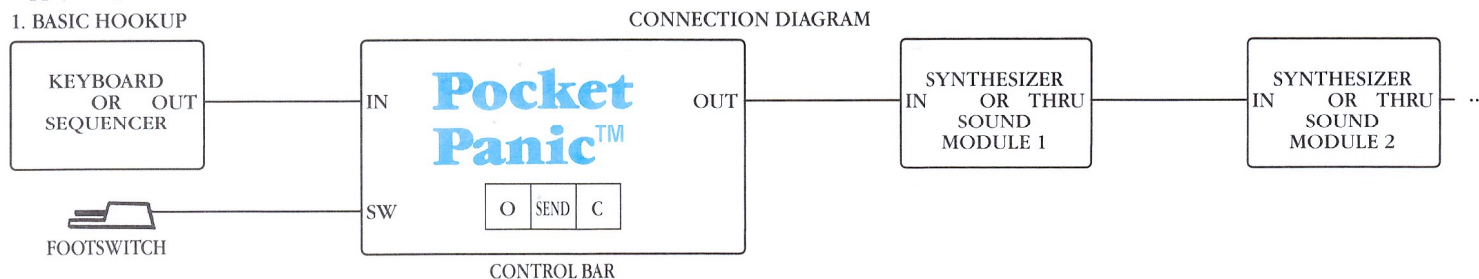# Pocket Panic™
OPERATING INSTRUCTIONS

Pocket Panic™ can be used to send a MIDI "panic" on all 16 MIDI Channels. It can be used with all equipment and requires no batteries or external power supply to operate.

1. BASIC HOOKUP

CONNECTION DIAGRAM

CONTROL BAR

a) Connect the MIDI OUT of a keyboard or any MIDI device to the input jack labelled "IN" on Pocket Panic™.
b) Connect the output jack labelled "OUT" of Pocket Panic™ to the MIDI IN of a synthesizer or sound module.
c) Connect optional footswitch to the jack labelled "SW" on Pocket Panic™.

All the sound modules can now be played from the master keyboard or MIDI device. When Pocket Panic™ is powered-up, it defaults to IDLE MODE.
In IDLE MODE, all MIDI data received is passed directly to the MIDI OUT jack.
If a PANIC, CONTROLLER RESET, or an OMNI OFF command is initiated, Pocket Panic™ *will ignore incoming data until the command is complete*.

2. OPERATION

POCKET PANIC'S™ CONTROL BAR
Anatek's unique CONTROL BAR operates all of Pocket Panic's™ functions. The primary commands are O (OMNI OFF), SEND (PANIC), and C (Controller Reset). The complete command set is listed below:

CONTROL BAR COMMANDS

CLICK/TAP	• a single switch closure for less than ½ second
DOUBLE CLICK/TAP	• two successive switch closures in less than ½ second
HOLD	• a single switch closure held for more than 1 second

PANIC	CLICK SEND
OMNI OFF	DOUBLE-CLICK O
CONTROLLER RESET	DOUBLE-CLICK C
FILTER ALL NOTES OFF	HOLD SEND

FOOTSWITCH COMMANDS

PANIC	TAP FOOTSWITCH
FILTER ALL NOTES OFF	HOLD FOOTSWITCH

OMNI OFF
Double-clicking 'O' from IDLE mode sends an OMNI OFF message.

SEND (PANIC)
A quick tap anywhere on the CONTROL BAR, or pressing the footswitch, will send a PANIC MESSAGE. The message consists of an ALL-NOTES-OFF on all channels (Controller #123) *plus a* NOTE OFF for every note on all channels.

CONTROLLER RESET
Double-clicking 'C' from IDLE mode resets commonly-used controllers to their default values (see CONTROLLER ASSIGNMENT chart).

FILTER ALL-NOTES-OFF
Holding the CONTROL BAR for more than 1 second will filter the ALL-NOTES-OFF command.

CONTROLLER ASSIGNMENTS

The following controllers are reset to the indicated values when the 'C' command is initiated from the control bar:

CONTROLLER	FUNCTION	RESET VALUE (DEC)
0	——	0 (Off)
1	Modulation	0 (Off)
2	Breath Controller	0 (Off)
4	Foot Controller	127 (Maximum)
5	Portamento Time	0 (Off)
7	MIDI Volume	127 (Maximum)
8	Balance	64 (Centre)
10	Pan	64 (Centre)
11	Expression	127 (Maximum)
16–19	General Purpose #1–4	0 (Off)
65	Portamento	0 (Off)
66	Sostenuto	0 (Off)
67	Soft Pedal	0 (Off)
69	Hold 2	0 (Off)
80–83	General Purpose #5–8	0 (Off)
92	Tremolo Depth	0 (Off)
93	Chorus Depth	0 (Off)
94	Celeste Depth	0 (Off)
95	Phaser Depth	0 (Off)
—	Pitch Bender	64 (Centre)
—	Channel Pressure	0 (Off)
—	Polyphonic Pressure	0 (Off)
—	Reset Controller Message	

• FOOTSWITCH CONTROL—Many of Pocket Panic's™ functions can be operated from a footswitch (see FOOTSWITCH COMMANDS). When power is applied, Pocket Panic™ automatically determines the polarity of the footswitch (normally open or normally closed). Latching type footswitches are not suitable for use with Pocket Panic™.

3. STATUS LED
When Pocket Panic™ is first connected to a MIDI device, the red LED lights—indicating that presence of power (IDLE MODE).
Pocket Panic™ has 5 LED status modes:

IDLE MODE The status LED stays lit except when data is sent through Pocket Panic™. When data is received, the status light turns off for each MIDI message. Real-time (i.e. clock & active sensing) messages do not cause the status light to turn off.

PANIC While a PANIC is being sent, the LED will flash briefly 4 times at an interval of once per second. When the message is complete, Pocket Panic™ returns to IDLE MODE (constant LED except when data is received/sent).

CONTROLLER RESET When Pocket Panic™ is sending a CONTROLLER RESET sequence, the LED will double-flash 5 times at an interval of once per second. When the message is complete, Pocket Panic™ returns to IDLE MODE.

OMNI OFF When Pocket Panic™ is sending an OMNI OFF message, the LED turns off briefly to indicate the message has been sent and then returns to IDLE MODE.

FILTER MODE When Pocket Panic™ is FILTERING the ALL-NOTES-OFF command, the status LED blinks twice a second in IDLE MODE.

4. CONNECTION WITH OTHER POCKET PRODUCTS™
Pocket Panic™ is compatible with all other Pocket Products™ and can be connected with several of them in the same MIDI line. It is recommended that the number of Pocket Products™ connected to the output of a keyboard or other MIDI device be limited to four.

5. SPECIFICATIONS
DIMENSIONS: Length: 3.2″ (81mm), Width: 2.1″ (53mm), Height: 1.2″ (31mm)
WEIGHT: 2.3 oz (67grams)
BAUD RATE: 31.25 Kbits/second

MIDI DATA TYPES

	RECEIVED	TRANSMITTED
IDLE MODE	All	All
PANIC	None	ALL-NOTES-OFF cc NOTE-OFF, cc, nn Where cc is CHANNELS 1–16 and nn is NOTES 1–127
CONTROLLER RESET	None	See controller assignment chart
OMNI OFF	None	OMNI OFF
FILTER ALL-NOTES-OFF	All	All except ALL-NOTES-OFF

✳SPECIAL NOTE✳
Pocket Panic™ is designed to comply with the MIDI 1.0 specification document version 4.0, and will operate with all MIDI equipment designed to this specification.