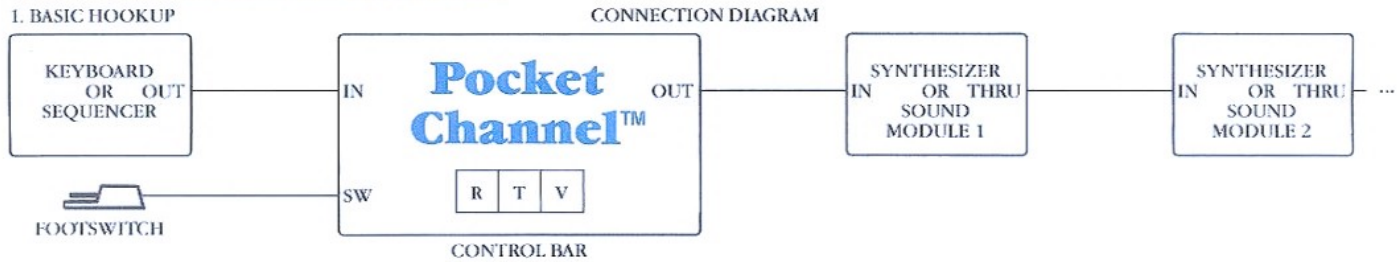


# Pocket Channel™

## OPERATING INSTRUCTIONS

Pocket Channel™ can be used to remap MIDI channels, or velocity-switch between two separate MIDI channels. It can be used with all MIDI equipment and requires no batteries or external power supply to operate.

### 1. BASIC HOOKUP



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

All the sound modules can now be played from the master keyboard or MIDI device. When Pocket Channel™ is powered-up, it defaults TRANSPARENT MODE. In TRANSPARENT MODE, MIDI channels are not remapped, and Pocket Channel™ behaves like an active THRU box.

### 2. OPERATION

#### STATUS LED

When Pocket Channel™ is first connected to a MIDI device, the red LED lights—indicating that presence of power. In TRANSPARENT MODE the status LED stays lit except when data is sent through Pocket Channel™. 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.

The status LED flashes when any channels have been remapped, or while the control bar or footswitch are being pressed.

#### CONTROL BAR

Anatek's unique CONTROL BAR operates all of Pocket Channel's™ functions. The primary commands are R (RECEIVE FILTER), T (TRANSMIT ASSIGN), and V (VELOCITY SWITCH). The complete command set is listed below:

CONTROL BAR COMMANDS			
CLICK/TAP	• a single switch closure for less than 1/2 second		
HOLD	• a switch closure held while selecting a note on the master keyboard		
SET RECEIVE FILTER	HOLD R	WHILE	SELECTING KEY FROM KEYCHART
SET TRANSMIT ASSIGNMENT	HOLD T	WHILE	SELECTING KEY FROM KEYCHART
TOGGLE BETWEEN TRANSPARENT MODE AND CHANNELIZED SETTINGS	TAP T		
SET VELOCITY CHANNEL & SWITCHPOINT	HOLD V	WHILE	SELECTING KEY FROM KEYCHART, THEN SELECT VELOCITY BY PRESSING ANY KEY BELOW MIDDLE C.

FOOTSWITCH COMMANDS			
SET TRANSMIT ASSIGNMENT	HOLD FS	WHILE	SELECTING KEY FROM KEYCHART
TOGGLE BETWEEN TRANSPARENT MODE & CHANNELIZED SETTINGS	TAP FS		

#### RECEIVE FILTER

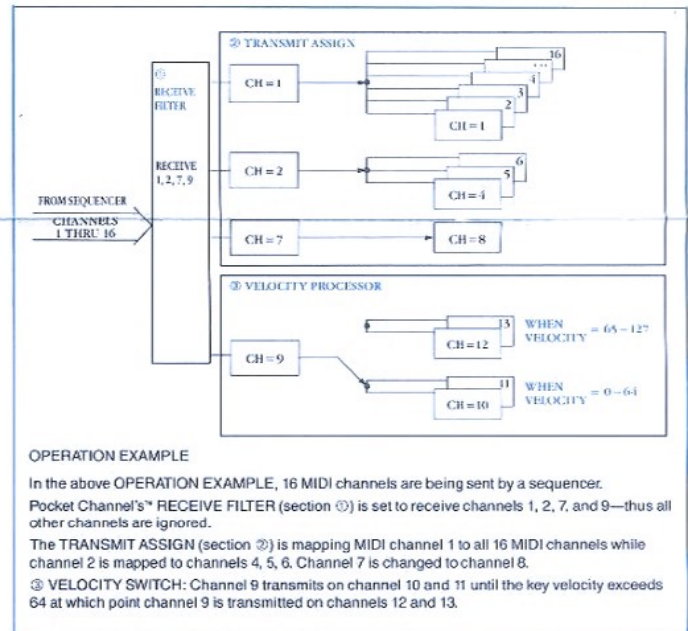
The receive filter can be set to receive on one, several, or all 16 MIDI channels. Pocket Channel™ defaults to receiving on all channels.

#### TRANSMIT ASSIGN

Remaps any incoming channel to one or several output channels. Up to 16 transmit channels can be assigned for each incoming MIDI channel.

#### VELOCITY SWITCH

Switches to an alternate MIDI channel (or channels) when a specified NOTE-ON velocity is exceeded. Only one incoming channel is allowed, but more than one alternate switch channel may be specified (see OPERATION EXAMPLE). Velocity level and channel can be set independently of each other, but both are required for the velocity switch mode to function.



#### SETTING THE RECEIVE FILTER

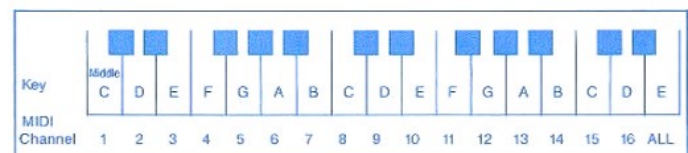
- Hold R on the CONTROL BAR while selecting a key or keys from the KEYCHART (more than one channel can be set, or use ALL to turn filtering off).
- RELEASE the CONTROL BAR. Pocket Channel now receives data only on the specified channel(s).

#### SETTING THE TRANSMIT ASSIGNMENT

- Set the master keyboard (or other MIDI device) to the desired MIDI channel (CONTROL CHANNEL).
- HOLD T (or the footswitch), and select the desired remap channel using the KEYCHART. Remember, more than one channel can be set.
- RELEASE the CONTROL BAR.

#### SETTING THE VELOCITY SWITCH MODE

- Set the master keyboard (or other MIDI device) to the desired MIDI channel (CONTROL CHANNEL).
- HOLD V and select the alternate switch channel(s) using the KEYCHART.
- Continue HOLDING V and set the velocity level by dynamically playing any key below MIDDLE C.
- RELEASE V. The CONTROL CHANNEL will now switch to the alternate channel(s) when the specified velocity level is exceeded.



**SPECIFICATIONS**

MIDI DATA TYPES RECEIVED: ALL  
TRANSMITTED: ALL  
Active Sensing is always sent.

DIMENSIONS: length: 3.2" (81mm), Width: 2.1" (53mm), Height: 1.2" (31mm)  
WEIGHT: 2.3 oz (67 grams) BAUD RATE: 31.25 Kbits/second

\*SPECIAL NOTE\* Pocket Channel™ 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.

**CONNECTING WITH OTHER POCKET PRODUCTS™**  
Pocket Channel™ 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.