



# TV Channel Blocker

TVCB-PC - Parental Control



The TV Channel Blocker (Parental Controlled) (TVCB-PC) unit can be installed by the consumer and mounted at the tap output or wall mounted at the consumer's residence. The unit physically protects the RF Connections and has a key hole for a lock if desired. The unit has push button control to select what channels to block-no management system required. Unlike traps, the TVCB-PC provides individual channel control without adjacent channel degradation.

For a single family home, the TVCB-PC has all that is needed to block up to 40 channels simultaneously in bandwidths within channels 2-86 MHz (at medium blocking level) and 80 Channels at the lowest blocking level for all televisions in the house. It may be house or network powered.

The TVCB-PC has a forward path bandwidth of 54-860 MHz and 5-40 MHz return path. It has four signal conditioning accessories that may plug into the unit: Equalizer (VMI-CEQxV), Forward and Return Path Attenuators (VMI-AT), and Forward Path Trim Networks (VMI-TN).

Addressable

## ○ Features & Benefits

- Non-Addressable, Consumer Controlled and Installed
- Stand Alone Unit, Requires No Management System or Billing Interface
- Subscriber can Easily Change Blocked Channels by Opening Unit and Using Simple Push-Button Controls
- Devices can be Physically Secured with an Optional Lock
- "Self Install" Unit Comes Complete with Everything to Install

## ○ Specifications

### Subscriber Port

Bandwidth: 54 to 860 MHz

Nominal Gain: 1.5 dB

Flatness:  $\pm 1.5$  dB

Return Loss: 16 dB

Output Level

54 MHz: 10 dBmV

600 MHz: 16 dBmV

750 MHz: 17 dBmV

860 MHz: 18 dBmV

Distortions (@ 77 Channel Loading):

CTB: -60 dBc

CSO: -60 dBc

XMOD: -55 dBc

Spurious: -60 dBc

C/N: 59 dB

AGC:  $\pm 3$  dB

### Return Path

Bandwidth: 5 to 40 MHz

Loss: 2 dB

Flatness: 2 dBvp

Return Loss: 16 dB

### Jamming Oscillators

8 Oscillators: 54 - 600 MHz

Voltage Controlled Oscillator Frequency Range:

VCO 1: 114-177 (ch. 14-22, 7, 99) MHz

VCO 2: 179-249 (ch. 8-13, 23-28) MHz

VCO 3: 252-321 (ch. 29-40) MHz

VCO 4: 312-381 (ch. 39-50) MHz

VCO 5: 372-453 (ch. 49-62) MHz

VCO 6: 444-525 (ch. 61-74) MHz

VCO 7: 516-597 (ch. 73-86) MHz

VCO 8: 54-85 (ch. 2-6) MHz

### Overall - Electrical

Hum Modulation:  $< -60$  dBc

RF Leakage:

Complies with FCC Part 76, Sub part K

Power Requirements Voltage: 37-95 VAC

Frequency: 50/60 Hz

Current Consumption

90 VAC IN: 150 mA

60 VAC IN: 200 mA

Power Passing to Port (optional): 300 mA

Operating Temperature Range:  $-40^{\circ}$  to  $+60^{\circ}$  C

Relative Humidity: 5-100 %

### Overall Mechanical

Housing - Dimensions (L x H x W):

9.5 x 4.0 x 10.0 in.

Weight: 6 lbs

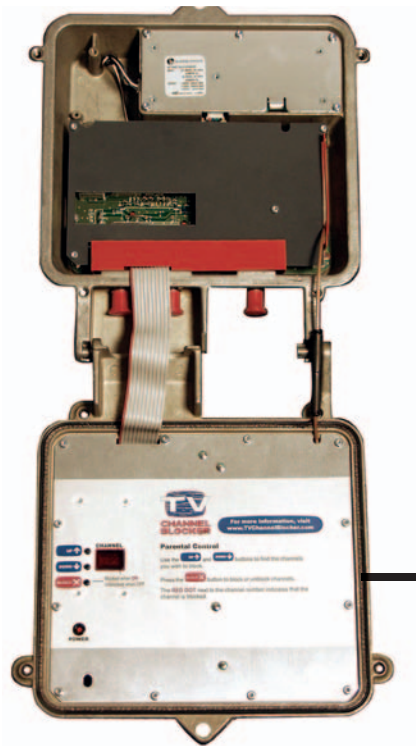
Mounting: Strand, Wall or Pedestal

RF IN, RF OUT and AC IN Connectors:

"F" type, female

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## Easy To Use Push Button Control

**TV CHANNEL BLOCKER Parental Controlled**

For more information, visit [www.TVChannelBlocker.com](http://www.TVChannelBlocker.com)

**CHANNEL**

UP ↑

DOWN ↓

BLOCK X

Blocked when ON  
Unblocked when OFF

POWER

**To Block / Unblock Channels**

Use the UP ↑ and DOWN ↓ buttons to find the channels you wish to block.

Press the BLOCK X button to block or unblock channels.

The RED DOT next to the channel number indicates that the channel is blocked.

**To Turn OFF / ON Viewing**

Press both the UP ↑ and DOWN ↓ buttons simultaneously for a count of five (5) seconds to totally turn viewing off or on for all channels.

## TVCB - PC Self Install

This kit includes everything needed for easy installation by the consumer. Items included are the TVCB-PC unit and installation guide (9110), the TVCB Power Pack (9126), the TVCB wall-mounting bracket (9135A), and the TVCB Accessory Kit (9136). To order the TVCB-PC Self Install kit, be sure to specify stock number 9111 when ordering.



TVCB-PC Self Install 9111

Addressable

## Ordering Information

Model	Stock No.	Description
TVCB-PC	9110	Parental Controlled TV Channel Blocker, Unit Only - 54-860 MHz Forward, 5-40 MHz Return, 8 Oscillators
TVCB-PC Self Install	9111	Parental Controlled TV Channel Blocker, Self Install Kit - INCLUDES: 9110 TVCB-PC, 9136 Acc. Kit, 9135A Bracket, 9126 Power Pack
<b>Accessories</b>		
TVCB-ACC	9136	TVCB Accessory Kit INCLUDES: Installation tool, Jumper Cables, & 8 dB EQ
TVCB-PP	9126	TVCB Power Pack- Power Supply and Inserter (Diplexer). 120 VAC to 26 VAC, F-Connector Output
TVCB-WB	9135A	TVCB Wall Bracket