

ADDAC102 VC RADIO USER'S GUIDE

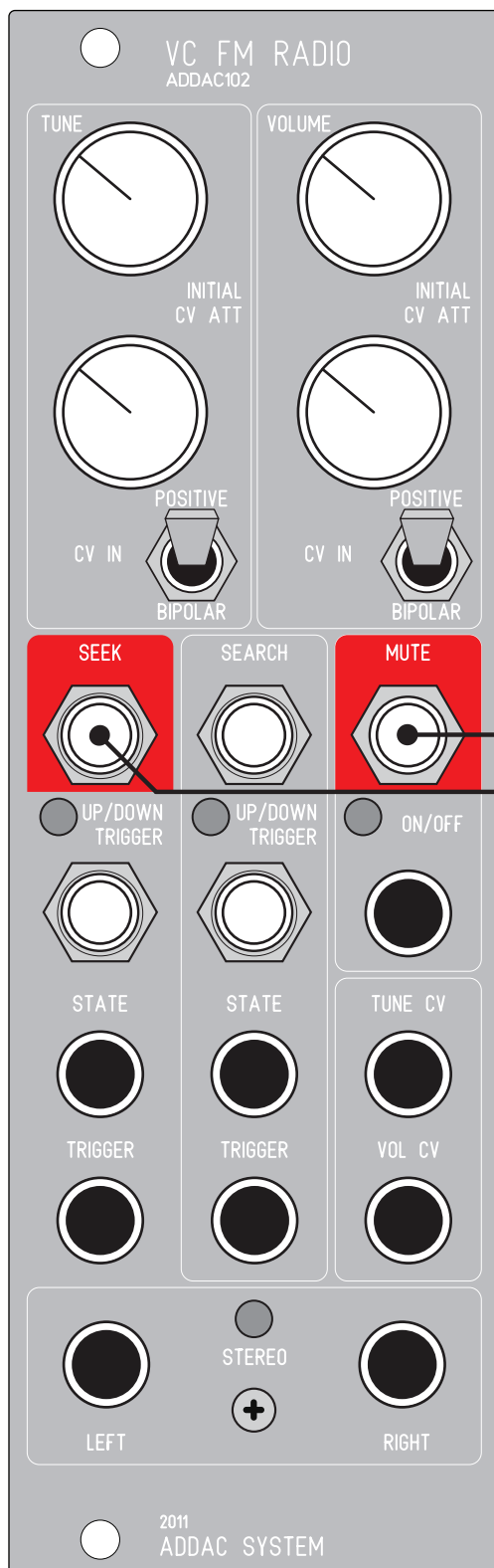
ADDAC102 VC RADIO USER'S GUIDE

André Gonçalves. February.2012

INDEX

3. **RESET**
4. **TUNE**
5. **VOLUME**
6. **SEEK**
7. **SEARCH**
8. **OUTPUTS**
9. **TECH SPECS**

ADDAC102 VC RADIO USER'S GUIDE



RESET FUNCTION

RESET is used to restart the digital radio inside.

If your radio doesn't start up immediately after powering your system, or if it stops during playback:

PRESS BOTH SEEK & MUTE BUTTONS

It will startup after 4 seconds.

ADDAC102 VC RADIO USER'S GUIDE

TUNE FUNCTION

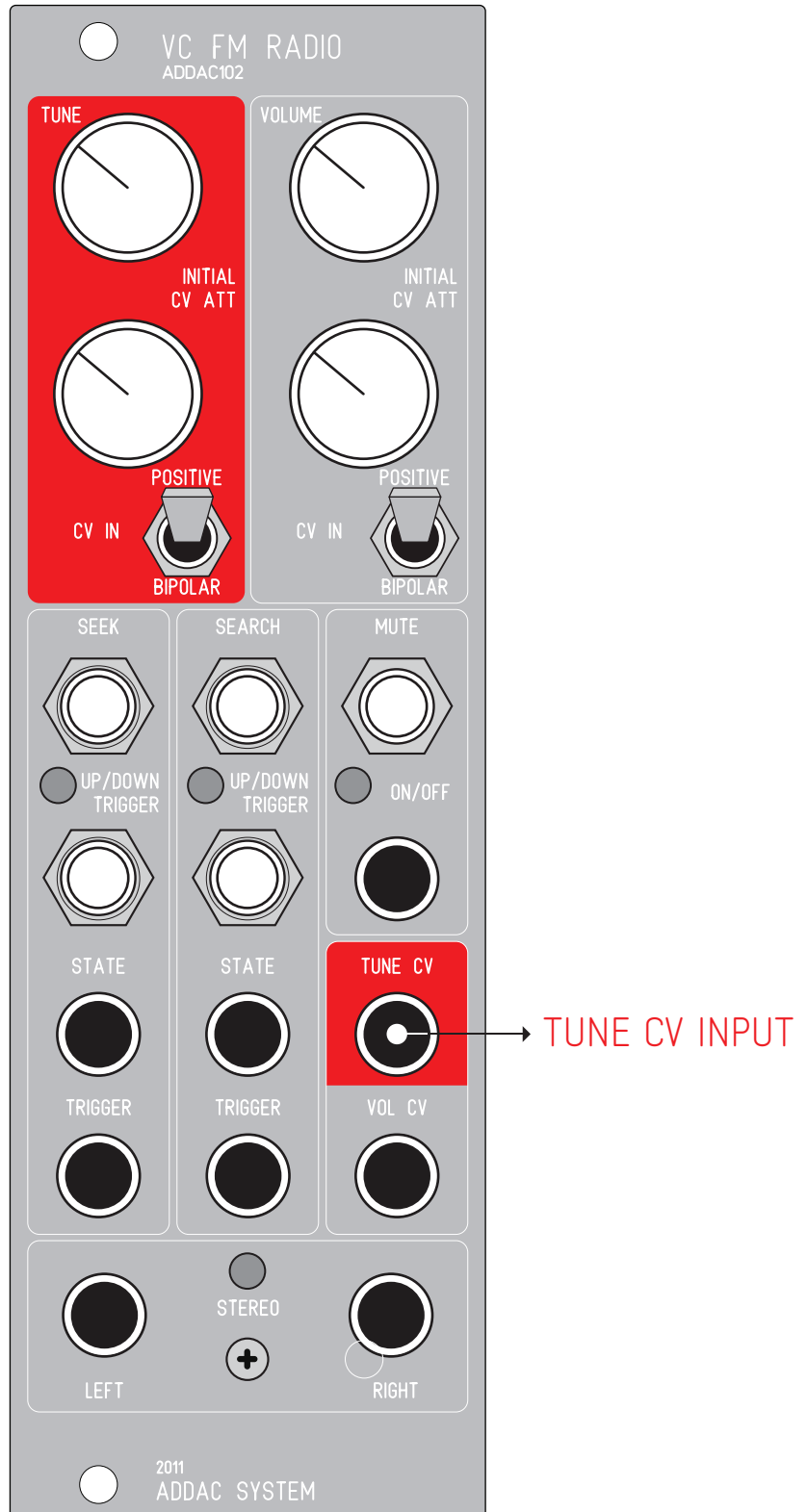
INITIAL KNOB

This is the Initial Tuning point,
from 86 to 106 Mhz
if set to ex.96 then CV only
searches between 96 to 106 Mhz

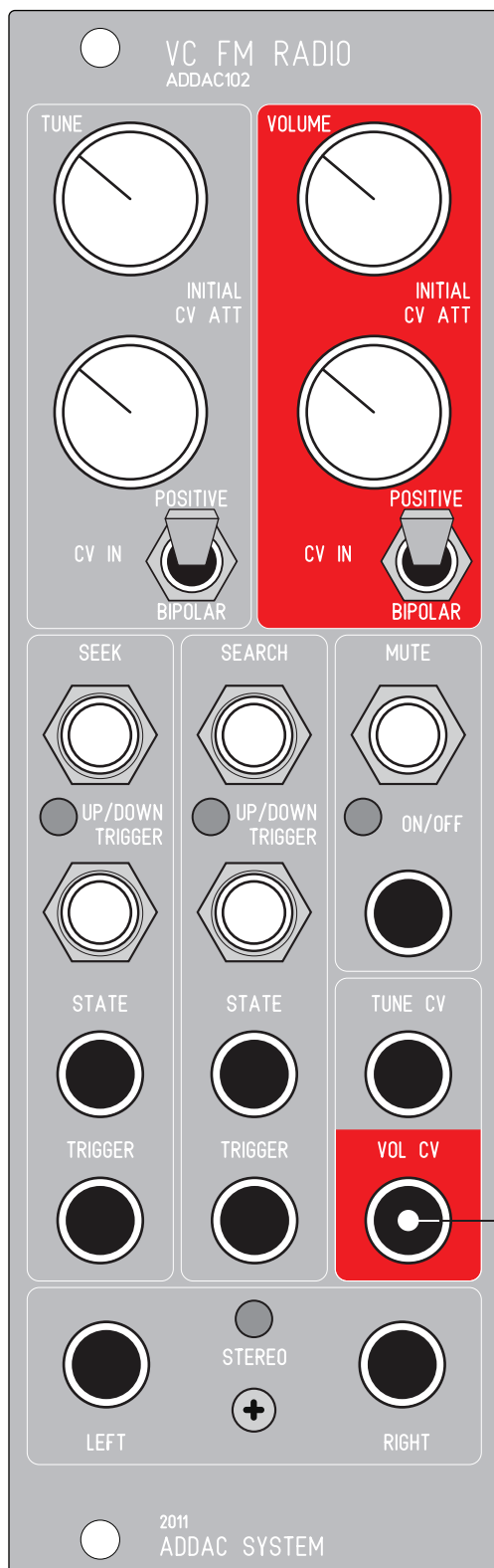
CV ATT(enuator) KNOB

This is the CV Attenuator knob
Behaves like a volume knob:
full clockwise = no attenuation

Polarity Switch



ADDAC102 VC RADIO USER'S GUIDE



VOLUME FUNCTION

INITIAL KNOB

This is the Initial Volume setting
if set half way then CV only affects
the remaining range

CV ATT(enuator) KNOB

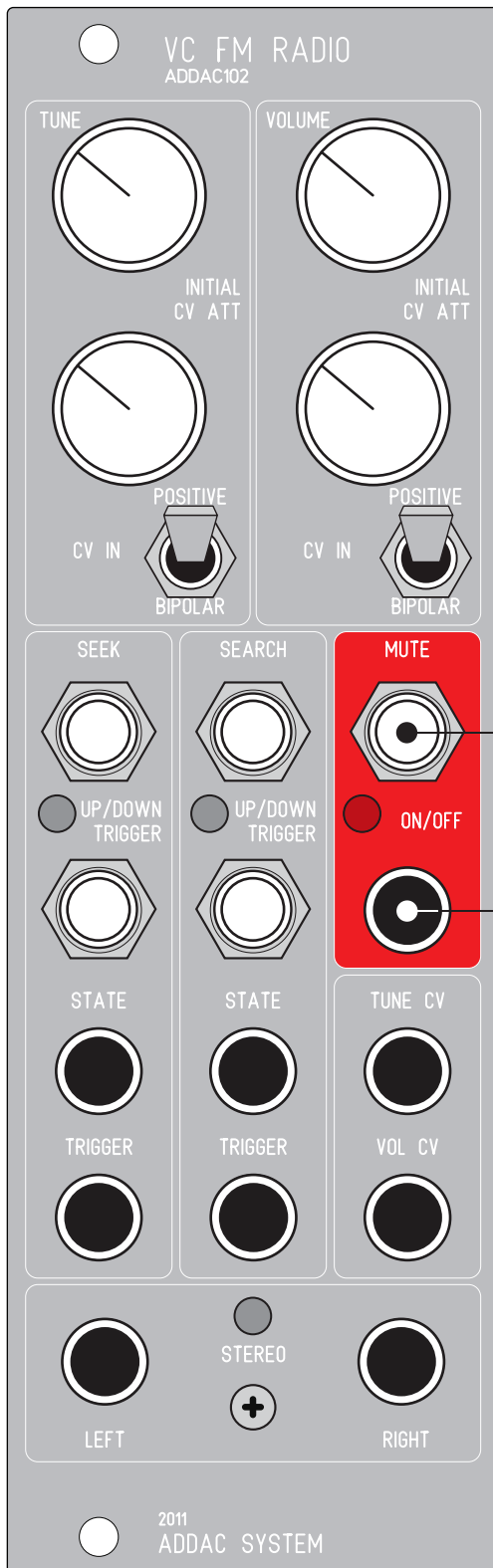
This is the CV Attenuator knob
Behaves like a volume knob:
full clockwise = no attenuation

Polarity Switch

Use POSITIVE for 0/+10v
Use BIPOLAR for -10v/+10v

VOLUME CV INPUT

ADDAC102 VC RADIO USER'S GUIDE



MUTE STATE

MUTE is an ON/OFF state

To change the MUTE STATE either:
Press the SWITCH Button
Use a GATE/TRIGGER input signal

When an action is received:
if MUTE ON then OFF
if MUTE OFF then ON

→ MUTE SWITCH

MUTE is ACTIVE / ON when the LED is lit

→ MUTE GATE INPUT

ADDAC102 VC RADIO USER'S GUIDE

SEEK FUNCTION

The SEEK FUNCTION tries to seek for the next "good" station

STATE

This function has 2 states, UP and DOWN:
 UP - seeks for a higher frequency station
 DOWN - seeks for a lower frequency station

BOTH STATES WRAP AROUND, meaning that if for ex. while seeking up, it reaches the top frequency value it "wraps around" to the lower frequency value and keeps seeking up or vice versa

"GO" TRIGGER

This function triggers the SEEK function to "GO" up or down as defined in the STATE function

SEEK STATE PUSH-SWITCH

This is the MANUAL STATE SELECTOR
 If UP state changes to DOWN and vice-versa

SEEK STATE LED MONITOR:

if UP LED is ON, if DOWN LED is OFF

SEEK "GO" PUSH-SWITCH

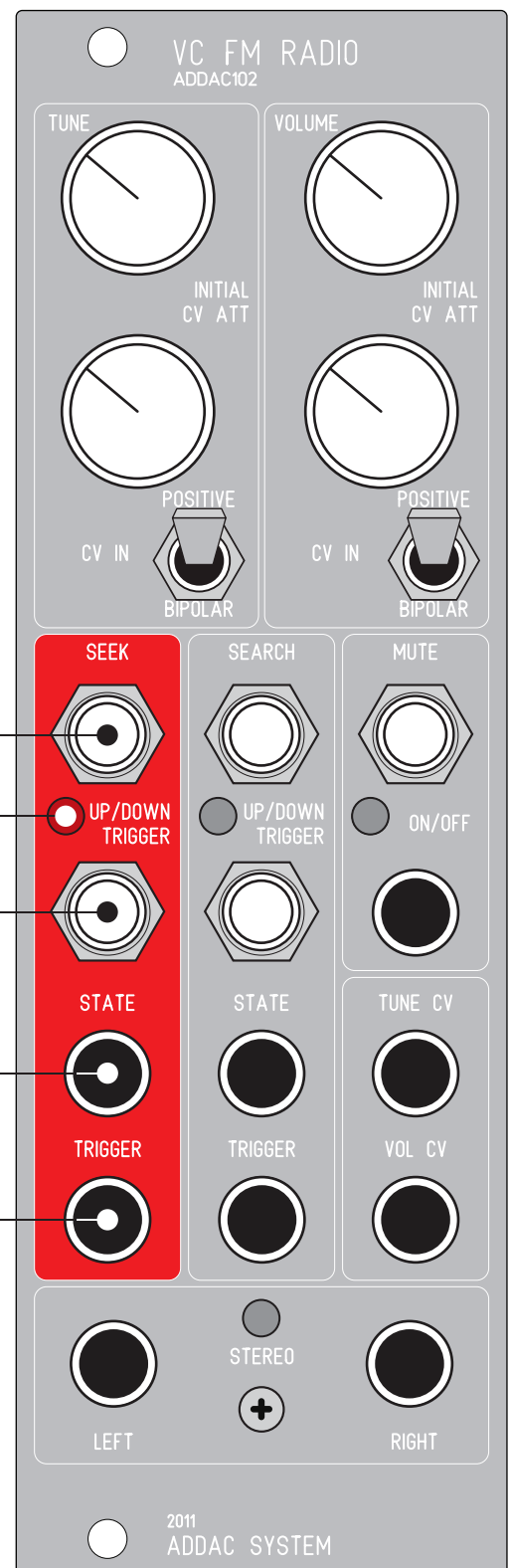
This is the MANUAL TRIGGER to GO to the next or previous station according to the state selected

STATE GATE INPUT

The GATE/TRIGGER INPUT for the STATE SELECTOR
 If UP state changes to DOWN and vice-versa

TRIGGER "GO" CV INPUT

The GATE/TRIGGER INPUT for the "GO" function
 GOES to the next "good" station as defined by the UP/DOWN STATE



ADDAC102 VC RADIO USER'S GUIDE

SEARCH FUNCTION

The SEARCH FUNCTION goes UP or DOWN in frequency

STATE

This function has 2 states, UP and DOWN:
 UP - advances to the higher tuning frequency
 DOWN - regresses to a lower tuning frequency

BOTH STATES WRAP AROUND, meaning that if for ex. while searching up, it reaches the top frequency value it "wraps around" to the lower frequency value and keeps searching up or vice versa

"GO" TRIGGER

This function triggers the SEARCH function to "GO" up or down as defined in the STATE function

SEARCH STATE PUSH-SWITCH

This is the MANUAL STATE SELECTOR
 If UP state changes to DOWN and vice-versa

SEEK STATE LED MONITOR:

if UP LED is ON, if DOWN LED is OFF

SEARCH "GO" PUSH-SWITCH

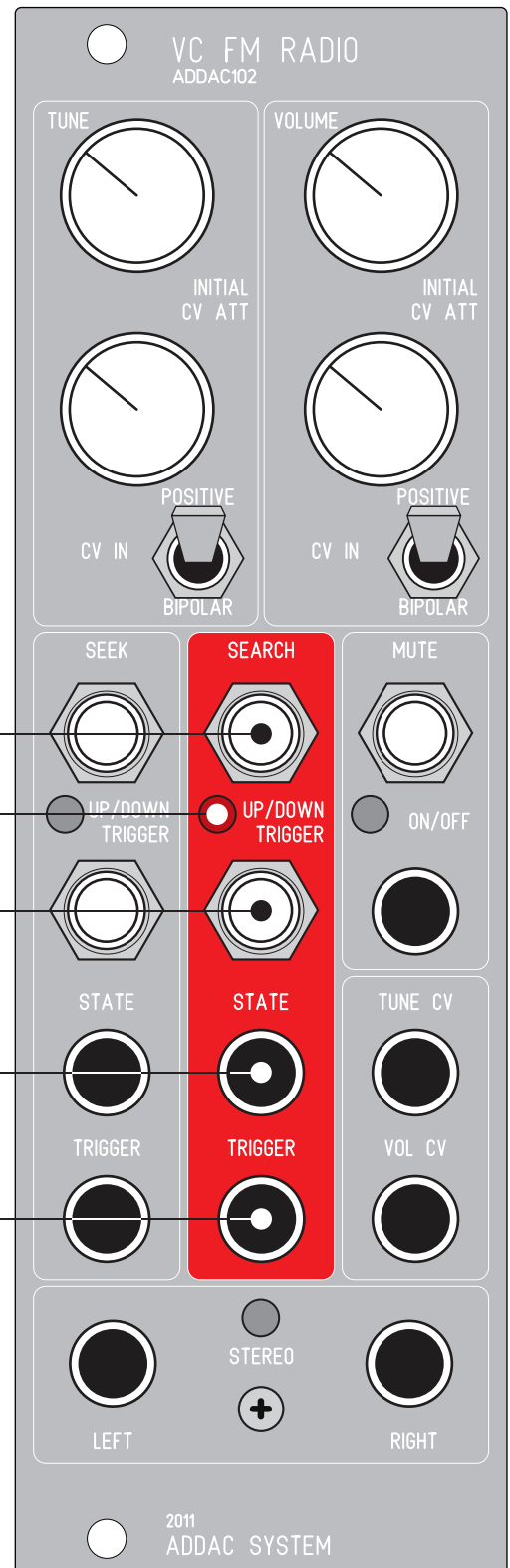
This is the MANUAL TRIGGER to GO to increase / decrease the tuning frequency as defined by the UP/DOWN STATE

STATE GATE INPUT

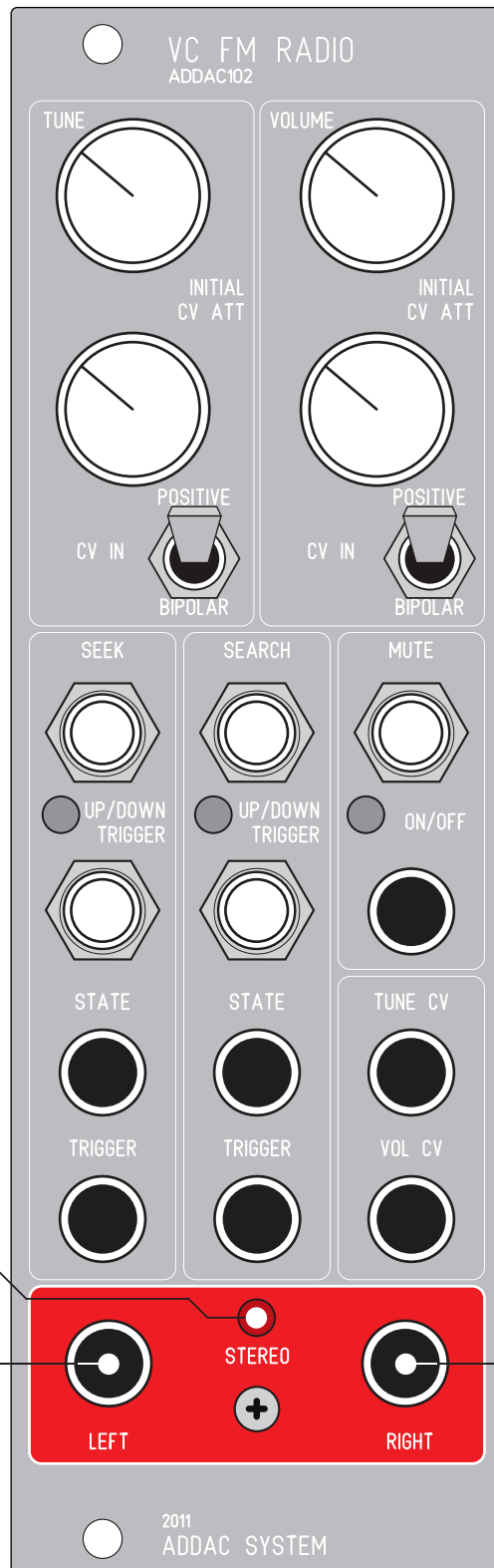
The GATE/TRIGGER INPUT for the STATE SELECTOR
 If UP state changes to DOWN and vice-versa

TRIGGER "GO" CV INPUT

The GATE/TRIGGER INPUT for the "GO" function to increase/decrease the tuning frequency as defined by the UP/DOWN STATE



ADDAC102 VC RADIO USER'S GUIDE



STEREO LED

The STEREO LED goes:
ON if reception is in STEREO
OFF if reception is in MONO

LEFT OUTPUT

OUTPUTS

There's 2 Audio Outputs:
LEFT and RIGHT

RIGHT OUTPUT

USER'S GUIDE

ADDAC102 VC FM RADIO

February.2012

ADDAC SYSTEM