



Model APS-2K4MS Programming Guide

These remote start units have a configurable receiver that allows the transmitter to be programmed to operate the Lock Unlock functions with one transmitter button or with two transmitter buttons (separate Lock/Unlock). In addition, the receiver also allows driver priority function. This driver priority function takes place when ever a particular transmitter is used to unlock the vehicle regardless of the selection of one button or two button operation.

The following indicates the receiver programmable slots.

- 1 Lock/Unlock or Lock
- 2 Unlock if Programmed
- 3 Trunk Release & or Remote Start (Optional)
- 4 Auxiliary Output
- 5 Auxiliary Output
- 6 Driver 1 Priority or Separate Output
- 7 Driver 2 Priority or Separate Output

Receiver channels 6 or 7 will accept the programming of transmitter channel 1 if used as the Lock/Unlock button, or Channel 2 when separate Lock Unlock buttons are programmed. In this way, whenever the transmitter is used to unlock the vehicle, channel 6 or 7, when programmed, will provide a pulsed ground output. This output can be connecter to the driver priority function of the vehicle to reset preset user features. Please consult with your installation centers technician to see if this feature is available in your vehicle.

Note: A total of 4 transmitters may be programmed into any receiver channel.

Force programming a transmitter, removing a transmitter, or reprioritizing a transmitter is covered later in this manual.

Also, if you do not program a transmitter button into channel 2 which is the separate unlock/disarm channel, then whatever button is programmed into channel 1 will serve as both lock/arm & unlock/disarm.

TO ENTER THE PROGRAM MODE:

- 1 Turn the ignition switch to the "ON" position.
- 2 Within 10 seconds, Press and release the valet/program switch three times.

(Siren emits 1 short chirp indicating channel 1 has been entered)

- 3 Within 10 Seconds, Press and hold the button of the first transmitter you wish to control the Lock & Arm feature of your security system until a long chirp is heard from the siren.

(Repeat this for each transmitter you wish to operate the Lock/Arm feature).

128-5965A

1 of 6

Released: 10-23-00

Rev A: Include 995 & Reference to P/N
Found On Back Of Tx. 9/25/01

4 Within 10 seconds, press and release the valet program switch one time.
(Siren emits 2 short chirps indicating channel 2 has been entered)

5 Within 10 Seconds, Press and hold any unused button(s) of the first transmitter you wish to control the Unlock/Disarm feature of your security system until a long chirp is heard from the siren.
Note: This channel is used only if you desire separate control of the Lock/Unlock feature. If you wish to operate the Lock/Unlock features from a single button, move onto step 6 as whatever button is programmed into channel 1 will control both Lock & Arm/Unlock & Disarm.
(Repeat this for each transmitter you wish to operate the Unlock/Disarm feature).

6 Within 10 seconds, press and release the valet program switch one time.
(Siren emits 3 short chirps indicating channel 3 has been entered)

7 Within 10 Seconds, Press and hold any unused button(s) of the first transmitter you wish to control Channel 3 output, (Trunk Release) until a long chirp is heard from the siren.
(Repeat this for each transmitter you wish to operate the Channel 3 output (Trunk Release))

8 Within 10 seconds, press and release the valet program switch one time.
(Siren emits 4 short chirps indicating channel 4 has been entered)

9 Within 10 Seconds, Press and hold any unused button(s) of the first transmitter you wish to control Channel 4 output, (Auxiliary Output 1) until a long chirp is heard from the siren.
(Repeat this for each transmitter you wish to operate the Channel 4 output)

10 Within 10 seconds, press and release the valet program switch one time.
(Siren emits 5 short chirps indicating channel 5 has been entered)

11 Within 10 Seconds, Press and hold any unused button(s) of the first transmitter you wish to control Channel 5 output, (Auxiliary Output 2) until a long chirp is heard from the siren.
(Repeat this for each transmitter you wish to operate the Channel 5 output)

12 Within 10 seconds, press and release the valet program switch one time.
(Siren emits 6 short chirps indicating channel 6 has been entered)

13 Within 10 Seconds, Press and hold the unlock button, (or any unused button(s)), of the first transmitter you wish to control Channel 6 output, (Driver Priority 1) until a long chirp is heard from the siren.
(Repeat this for each transmitter you wish to operate the Channel 6 output, Driver Priority 1)

14 Within 10 seconds, press and release the valet program switch one time.
(Siren emits 7 short chirps indicating channel 7 has been entered)

15 Within 10 Seconds, Press and hold the unlock button (or any unused button(s)) of the first transmitter you wish to control Channel 7 output, (Driver Priority 2) until a long chirp is heard from the siren.
(Repeat this for each transmitter you wish to operate the Channel 7 output, Driver Priority 2)

NOTE: Channels 6 and 7 can be used as a separate output to control a function other than driver priority. Simply programming any unused transmitter button other than the unlock button will allow complete independent control of these outputs.

ERASING TRANSMITTERS IF THEY HAVE BEEN LOST OR STOLEN:

NOTE: Before you begin to erase the lost or stolen transmitter(s), have all transmitters available that you wish to remain programmed. These will be used during the program process to identify transmitters that will continue to be used.

Enter the transmitter program mode:

- 1 Turn the ignition switch to the "ON" position.
- 2 Within 10 seconds, press and release the valet/program switch three times. (Siren emits 1 short chirp indicating channel 1 has been entered)
- 3 Within 10 Seconds, Press and hold the ARM or ARM/DISARM button of the first transmitter you wish to remain stored into the control unit until a single chirp is heard from the siren.
(Repeat this for each transmitter you wish to remain stored in the control unit).

The receiver stores up to four transmitters. To be certain all transmitter slots in the receiver are occupied with transmitters you wish to continue to use, and all others are erased, you will have to fill all four receiver slots. If in step 3 you identified one transmitter, you will have to fill the additional 3 slots. If in step 3 you identified two transmitters, you will have to fill the additional two slots, etc...

- 4 Press and hold any unused button or combination of buttons until a long chirp is heard from the siren. Release and press the button or button combination again and again until all remaining slots are full.
Repeat this procedure with the appropriate transmitter buttons for all other receiver channels.

REPRIORITIZING A TRANSMITTER'S PROGRAMMING:

To reprogram a receiver channel with a different transmitter button once a code has been stored, there will be two options:

- 1 Enter the transmitter program mode of the receiver channel to be reprogrammed. Using any unused button or combination of buttons, push out the stored code by pressing the unused button until a long chirp is heard, then repeat 3 additional times. After this, you can add any desired unused transmitter button. This action erases only that particular receiver channel, all other codes will remain stored.

2 Enter the transmitter program mode. Using any transmitter button press and hold until a long chirp is heard. If a single chirp or multiple chirps, (up to 7 chirps), are heard, the unit is indicating that the transmitter has already been programmed elsewhere in the receiver. Release the transmitter button and within 5 seconds press and hold until a long chirp is heard. This action forces the unit to erase all stored codes of that transmitter.

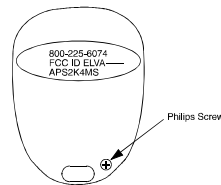
The unit then exits the program mode the siren emits the program mode exit chirp pattern. All transmitter buttons for that transmitter must now be reprogrammed. Any other transmitter stored in the unit's memory still remain operational. If the button is released and not pressed again within the 5 second period, no change in programming has been made to the receiver channel. The programmer can move onto a different channel or erase the transmitter codes as described in 1 above.

REPLACING THE BATTERY:

You will notice a decrease in transmitter range as the battery condition deteriorates. Transmitter battery replacement is recommended at least every 10 to 12 months, depending upon how frequently the transmitter is used. The transmitter has a small LED built into the unit. This LED can be used to indicate battery condition. If the LED does not illuminate, then the battery is discharged, and must be replaced.

To replace the transmitter battery:

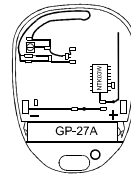
1. Remove the small phillips head screw from the bottom cover of the transmitter.



2. Using a coin or flat screwdriver blade, carefully unsnap the top cover of the transmitter from the bottom cover.

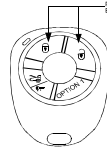


3. Remove the discharged battery, making note of the location of the + and - contacts, and replace with a new type GP 27A 12 volt battery.



4. Replace the transmitter cover, taking care not to damage the circuit board or rubber button pad in the housing. Secure the cover with the small phillips head screw removed in step 1.

ORDER FORM FOR TRANSMITTER APS-2K4MS



Attention: Transmitter Ordering Department

Important: To help us expedite your order, please print all of the information legibly and mail this form and your payment according to the instructions below.

Indicate the pad number of your transmitter selected from the pads shown above.

Locate Part Number On Back Of Transmitter case _____

1) Pad Number: _____

2) Name: _____

3) Address: _____

4) City: _____ State: _____ Zip Code: _____

5) Telephone Number: _____ (____) _____

6) Total Number Of Transmitters Required: _____
Cost Per Transmitter is: \$65.00

Multiply By Number Of Transmitters X _____

7) Enter Total Amount Enclosed _____
(New York State Residents must include the appropriate sales tax)

8) Method of Payment: _____

Mastercard Visa Check or Money Order (do not send cash)
Make Checks Payable To Audiovox Electronics Corporation

Credit Card Number: _____

Credit Card Expiration Date: ____ / ____ / ____

9) Mail this form along with your payment to:
**Audiovox Electronics Corporation 150 Marcus Blvd., Hauppauge
N.Y. 11788**