



ALCANCE CONTROL

Long Distance
Remote Control



Quick Guide SX1

Alcanse Control Manual

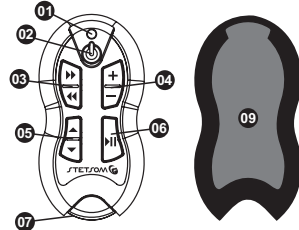
Presentation:

The Alcanse Control was developed to control audio and video equipment over long distances. Due to his radio frequency technology (RF), you can control your equipment up to 200m away in open area (visual). Its transmission is made in FSK, reducing external interference; its code is encrypted with "Rolling Code" technology that prevents copying and retransmission signal.

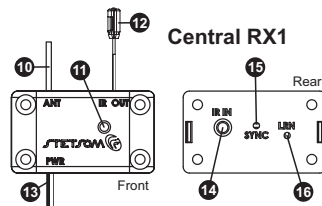
Description:

- 01 - Indicator LED of Transmission / Low Battery.
- 02 - Power key
- 03 - Forward and Reward Key
- 04 - Volume (+) and Volume (-) Key
- 05 - Up / Down Key
- 06 - Play / Pause Key
- 07 - Neck Strap
- 08 - Cord Neck
- 09 - Protective Holster

Control TX1



Central RX1



- 10 - Antenna
- 11 - Indicator Led
- 12 - IR Transmitter Cable (3m)
- 13 - Polarized Power Cable (50cm)
- 14 - Infra Red Receiver
- 15 - Sync Key (Sync)
- 16 - Learning Key (LRN)
- 17 - Pin Programming

Resources:

- The central RX1 can receive commands from up to 7 controls TX1, allowing each team member has a control.
- A TX1 control can control several devices, even different brands.
- Easy Synchronism. Doesn't need to use the Assistance Service when purchased new controls.
- Has several handset models in memory plus function "Learning" that enables the programming of the vast majority of market controls.
- Low battery indicator on the control and central.

Technical Specifications

| Power | Dimensions |
|---|------------------------------|
| Central: 6 a 16V dc | Central: 57,5 x 33 x 12 mm |
| Control: Battery CR2032 - 3,0V | Control: 82,7 x 42 x 15,7 mm |
| Max Consumption | Weight |
| Central: 35mA | Central: 46g |
| Control: 10mA | Control: 37g |
| Max. Range in open area: 200m | |
| Modulation: FSK | |
| Central frequency of transmission: 433,92 MHZ | |
| Max. transmit power: 10mW | |

Installing your Alcanse Control:

The Central can be installed hidden or somewhere visible to monitoring your indicator Led (11). The most important is that your antenna (10) should be not blocked by the bodywork of the car that acts as a shield to radio frequency transmission. It can run close to the edge of one of the windows once the car glass does not block the reception, or stay inside the panel.

The power cord (13) is polarized. The wire that has a white stripe should be connected to the positive pole of the battery and the black wire to negative.

The Infra-Red transmitter (12) must be to be fixed at some point inside the car pointing to CD/MP3-Player panel. Assure that nothing exists between the two.

Synchronizing Your Alcanse Control:

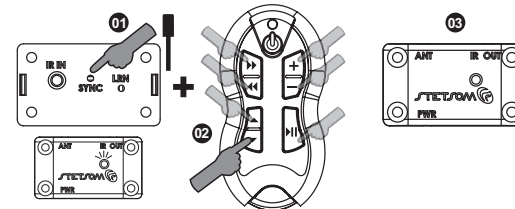
The synchronizing is necessary in order the TX1 pairing the central RX1. The Alcanse Control goes out from the factory synchronized. This operation is required again in case the owner to acquire new controls TX1 for your team, replacement or loss of sync.

The Alcanse Control allows up to 7 TX1 controls are synchronized on the same RX1 central. Each control is addressed in the RX1 central by the TX1 control buttons.

CAUTION: Before performing the synchronizing, make sure that there is any other control TX1 within the same area being operated. It may to cause interference.

Follow the steps below to synchronize:

1. Press the Sync (15) key on the Central RX1. The indicator LED (11) flashes.
2. Press one of the keys on the TX1, except the Power key (2).
3. The indicator LED (11) stops flashing. The synchronizing is completed.

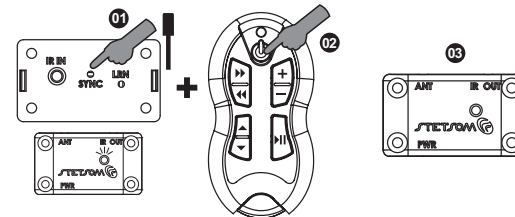


To synchronize more than one control (maximum 7), repeat the steps 1-3 choosing different keys in step 2. If you press the same key that has already been used for the earlier synchronizing, this new control will override the earlier, canceling your synchronizing.

You can also undo the synchronizing of each control or all at the same time.

Undoing the synchronizing of a single control:

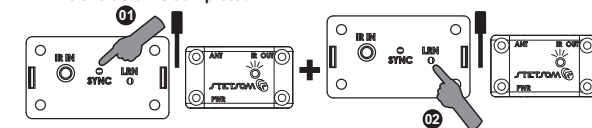
1. Press the Sync (15) key on the Central RX1. The indicator LED(11) flashes.
2. Press the Power (2) key in the control TX1 that you want to exclude.
3. The Indicator LED(11) stops flashing. The exclusion is completed.



Undoing the synchronizing of all controls:

1. Press the Sync (15) key on the Central RX1. The Indicator LED(11) flashes.
2. Press the Learn (16) key on the Central RX1. The Indicator LED(11) will flash faster and stop.

- The exclusion is completed.



Setting the Alcanse Control for your CD/MP3-Player:

For the correct operation of your Alcanse Control, the central RX1 should be programmed for the model of your CD/MP3-Player. This can be done in two ways, Direct Mode (using CD/MP3-Player models stored in the memory) or Learning Mode.

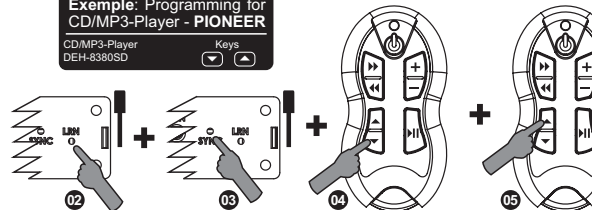
Direct Mode:

1. Look for the code of your CD/MP3-Player in the "Memory" Code Table (See our Manual).
2. Press the Learn (16) key on the Central RX1. The Indicator LED(11) flashes.
3. Press the Sync (15) key on the Central RX1. The Indicator LED(11) will flash faster.
4. Press on the TX1 control the first key of the table, the Indicator LED(11) stops for a moment and start blinking again.
5. Press the second key of the table. The Indicator LED(11) will stop.

- Your central RX1 is programmed to the chosen CD/MP3-Player.

Example: Programming for CD/MP3-Player - PIONEER

| CD/MP3-Player | Keys |
|---------------|--|
| DEH-8380SD | <div> <div>▶</div> <div>◀</div> </div> |



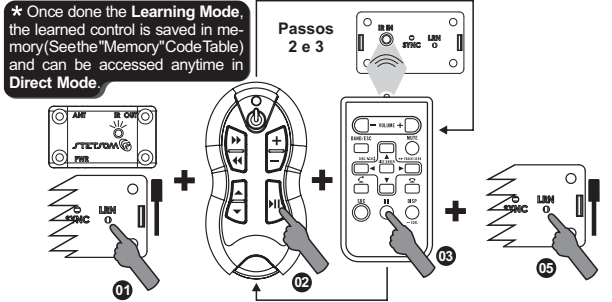
If your DVD/CD/MP3-Player is not listed in the memory code table, try the default setting of your brand DVD/CD/MP3-Player. (See the Memory Code Table).

For programming the central RX1 with a CD/MP3-Player that is not in memory, it should use the Learning Mode where each key of your interest on the original remote control of your CD/MP3-Player should be programed one by one. To do this, follow these steps:

NOTE: Choose a dimly lit environment; prefer one area with no fluorescent lamp, or in the car, because external light may interfere in the Infra-Red Receiver (14) of Central Rx1.

Learning Mode*

1. Press Learn (16) key on the Central RX1. The Indicator LED(11) flashes.
2. Press on the TX1 the key that you want to store. The Indicator LED(11) will stop for a moment and light again.
3. Point the control of CD/MP3-Player that you want to copy to the Infra-Red Receiver (14) from the Central RX1 and hold the key of original control to be stored. The Indicator LED (11) will stop for a moment and when it returns to blink the recording of this key is completed. It is at this stage that interference may occur due to outside light. Should this occur, the central RX1 will detect the fault and it will flashes the Indicator LED(11) instead of stop and then will stop for a moment and go back to the step 2 with Indicator LED(11) flashing.
4. Repeat the steps 2 and 3 for all the keys that you want to program. If some key is programmed incorrectly, repeat the steps 2 and 3 as many times as necessary.
5. To exit from the Learning Mode, press the Learn (16) key on Central Rx1.



Using a single TX1 control to control several CD/MP3-Players at the same time:

In order a same TX1 control get control over several CD/MP3-Players, it must be synchronized with the central RX1 of each vehicle, to do this, follow the instructions showed in the "Synchronizing your Alcance Control". Each car must to have its central RX1 programmed according to your CD/MP3-Player, to do this, follow the instructions showed in the "Setting the Alcance Control for your CD/MP3-Player".

Diagnostics:

Low battery indication:

When you release the TX1 control key, the transmission indicator Led (1) and the central Indicator LED(11) will remain lit for 1 second. This case It is recommended to replace the battery by one new CR2032 model, because the control may lose efficiency in the transmission.

The transmitter TX1 has a system which shuts itself down, if one key is pressed more than 10 seconds, avoiding undue consumption of the battery. When you release the key, the system works normally.

Replacing the battery of the transmitter Tx1:

Remove the Holster, loosen the two screws from the back, remove the electronic board from the plastic box, slide the discharged battery and take out it from the Clip and insert a new one in place. Observe the battery polarity; the **Clip is the POSITIVE pole**. Mount the control again, following the steps from the back to ahead.

Loss of synchronization:

The loss of synchronization occurs when the TX1 control keys are pressed over 250 times out of the reach of the central RX1. In this case, the central RX1 doesn't respond the commands of control TX1 and its Indicator LED(11) flashes continuously. Redo the synchronizing between the control TX1 and the central RX1 to restore the operation.

Invalid Transmission Pattern:



























































































































































During the Learning Mode, some information may be recorded incorrectly due to interference of the light from the ambient, or some other control transmitting within the reach area of the central. In this case the central RX1 will not transmit to CD/MP3-Player the associated command to that key and will keep the Indicator LED(11) on for 2 seconds. To resolve this problem redo the programming of your control in the "Learning Mode" for the keys with problem.

The Alcance Control does not control my CD/MP3-Player:

Although the Alcance Control has the "Learning" function to meet the equipment that are not previously registered in memory, may there be brands and models of original controls that will not be recognized.

"Memory" Code Table:

The following table lists the models of CD/MP3-Player already inside the memory of the central RX1.

| CD/MP3-Player | TX1 control keys sequence | CD/MP3-Player | TX1 control keys sequence |
|-------------------------------|---|---------------------------|---|
| LEARN MODE * MEMORY |   | SONY - DEFAULT |   |
| PIONEER - DEFAULT CD |   | CDX-GT217X |   |
| PIONEER - DEFAULT DVD1 |   | CDX-GT227X |   |
| PIONEER - DEFAULT DVD2 |   | CDX-GT267X |   |
| DEH-1580UB |   | CDX-GT317X |   |
| DEH-2280UB |   | CDX-GT40UX |   |
| DEH-4380UB |   | CDX-GT417UX |   |
| DEH-5280SD |   | CDX-GT427UX |   |
| DEH-6280BT |   | CDX-GT437UX |   |
| DEH-6380SD |   | CDX-GT617UX |   |
| DEH-6480BT |   | CDX-GT627UX |   |
| DEH-7380BT |   | MEX-1GPX |   |
| DEH-8380SD |   | PHILIPS - DEFAULT |   |
| MVH-1480UB |   | CE120 |   |
| MVH-8280BT |   | CEM210 |   |
| MVH-8380BT |   | CEM220 |   |
| DVH-7580AV |   | CEM2000 |   |
| AVH-2380DVD |   | CEM3000 |   |
| AVH-P3380BT |   | POSITRON - DEFAULT |   |
| AVH-P6380BT |   | SP6110AV |   |
| JVC - DEFAULT |   | SP6111AV |   |
| KD-R219 |   | SP6551DTV |   |
| KD-R419 |   | SP6861NAV |   |
| KENWOOD - DEFAULT |   | LENOXX - DEFAULT |   |
| KDC-MP1045 |   | AD-1828 |   |
| KDC-MP1048 |   | H-BUSTER - DEFAULT |   |
| KDC-MP152U |   | HBD-7688AV |   |
| KDC-MP2045U |   | HBD-9150AV |   |
| KDC-MP2048U |   | HBD-9200AV |   |
| KDC-MP2052U |   | HBD-9350AV |   |
| KDC-X494 |   | BOOSTER | |
| KDC-X496 |   | BMTV-9600DVUBT |   |
| KDC-X595 |   | BDVM-8360USB |   |
| KDC-X996 |   | NAPOLI - DEFAULT |   |
| DOTCOM - DEFAULT |   | CDMP-3936 |   |
| DC-308 |   | MP3-3740 |   |
| ORBE - DEFAULT |   | MOX - DEFAULT |   |
| 8901 |   | MO-DVD7040 |   |
| |   | MO-DVD9087 |   |

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

ENGLISH:

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

FRENCH:

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

ENGLISH:

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

FRENCH:

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.



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