

Configuring the TracVision® System for a Satellite TV Service



This guide explains how to set up a TracVision R4SL, R5SL, or C3 for your desired satellite TV service.

DIRECTV

The TracVision system ships from the factory set up for DIRECTV. However, if you need to change to DIRECTV from another service, follow these steps:

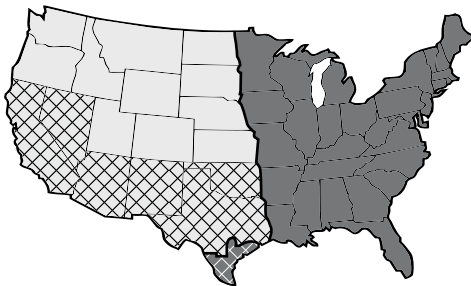
1. Turn off the antenna and connect the DIRECTV receiver to the antenna's RF1 cable.
2. Remove any service keys from the switchplate.
3. Turn on the receiver then press its Reset button (usually located behind the card access door).
4. Using the receiver's remote, go to the "Signal Meter" screen and select satellite 101.
5. Turn on the antenna. The antenna should find the DIRECTV satellites within 15 minutes.




Satellites Tracked: 101 and 119.

DISH Network

Follow the setup steps for your desired DISH mode.

| Mode | Satellites Tracked |
|----------------|--------------------|
| DISH 1000/129* | 110, 119, and 129 |
| DISH 1000/61 | 110, 119, and 61 |
| DISH 500 | 110 and 119 |



-  = DISH 129 satellite recommended
-  = DISH 61 satellite recommended
-  = Southwest procedure required

* **DISH 1000/129 Mode:** Due to a change that DISH Network made to its 129 satellite, the optional KVH Master Receiver Selector (KVH part #72-0412) is required for automatic satellite switching and in-motion operation. Refer to the TracVision system's User's Guide for details.

Bell TV (formerly ExpressVu)

Follow the setup steps for Bell TV mode.

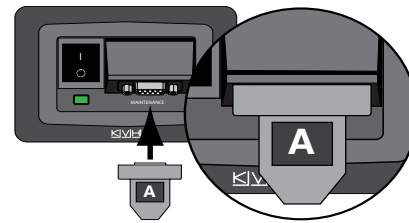
Satellites Tracked: 91 and 82.

Setup Step 1 - Connect the Service Key(s)

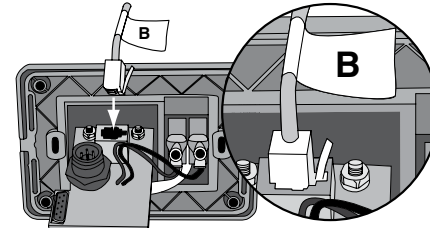
If your chosen mode requires a service key(s), connect it to the switchplate before going to Step 2.

| Mode | Key A | Key B |
|---------------------|---------|---------|
| DISH 1000/129 | - | - |
| DISH 1000/61 | Connect | - |
| DISH 500 | Connect | Connect |
| Bell TV (ExpressVu) | - | Connect |

Service Key "A" (Front of Switchplate)



Service Key "B" (Back of Switchplate)



Setup Step 2 - Run Check Switch Tests

Follow the steps as directed for your chosen mode. ("D" = DISH; "S" = Southwest procedure)

1. Stop your vehicle/vessel in a blockage-free area that provides a clear view of the sky.
2. Turn off the TracVision antenna.
3. Ensure the receiver you need to configure is connected to the antenna's RF1 cable.
4. Turn on the TV and the receiver.
5. Turn on the TracVision antenna and wait 2 minutes for system startup.
6. Using the receiver's remote, go to the "Point Dish/Signal Strength" screen (press MENU, 6, 1, 1 on most models).

D500S, D1000/61S, D1000/129, D1000/129S

7. Go to Table A (*on reverse*).

Bell, D500, D1000/61

7. Go to Table B (*on reverse*).

Table A

1. Select Check Switch.
2. Select Test (DISH) or Check (Bell TV).
3. Wait for the test to complete.
4. If a warning message appears, select Cancel.
5. Select Done.
6. Select satellite 119 and transponder 17.
7. Wait for the signal meter to go green and lock on the 119 satellite.
8. Wait 5 minutes and ensure the signal meter stays locked on the 119 satellite.
9. Go to Table D.

Table B

1. Select Check Switch.
2. Select Test (DISH) or Check (Bell TV).
3. Wait a full 15 minutes and ignore any messages displayed on the TV.

Bell, D500S, D1000/61S, D1000/129S

4. Go to Table C.

D500, D1000/61, D1000/129

4. Go to Table D.

Table C

1. Select Test (DISH) or Retest (Bell TV).
2. Wait for the test to complete. It will take several minutes.
3. Verify the values shown in the "Installation Summary" match those shown in Table F.

| | |
|----------------------------|--|
| Check Switch OK | 4. Press View Live TV and wait for the program guide to load. The process is complete! |
| Check Switch not OK | D500S, D1000/61S, D1000/129S |
| | 4. Repeat Table C. |
| | Bell, D500, D1000/61, D1000/129 |
| | 4. Turn off the antenna then wait 10 seconds. |
| | 5. Turn on the antenna then wait 2 minutes. |
| | Bell, D500, D1000/61 |
| 6. Go to Table B. | |
| D1000/129 | 6. Go to Table A. |

Table D

1. If the receiver was preconfigured by KVH*, go to Table E. (*KVH part #s 02-1712-61 and -0129)

D500, D1000/61

2. Go to Table C.

D1000/129

2. Select Check Switch.

3. Go to Table C.

D500S, D1000/61S, D1000/129S

2. Turn off the antenna then wait 10 seconds.

3. Turn on the antenna then wait 2 minutes.

4. Go to Table B.

Table E - Preconfigured Receiver Only

1. Select each satellite in your chosen mode from the "Point Dish/Signal Strength" screen.

| | |
|---|--|
| All satellites lock OK (green signal meter) | 2. Press View Live TV and wait for the program guide to load. The process is complete! |
|---|--|

| | |
|--------------------------------------|---|
| All satellites do not lock OK | 2. Turn off the antenna then wait 10 seconds. |
|--------------------------------------|---|

3. Turn on the antenna then wait 2 minutes.

D500, D1000/61

4. Go to Table B.

D500S, D1000/61S, D1000/129, D1000/129S

4. Go to Table A.

Table F - Expected Check Switch Results

| | | |
|------------------|-------------|--------------------|
| D1000/129 | Satellites | 119, 110, and 129 |
| | Switch type | SW64 |
| D1000/61 | Satellites | 119, 110, and 61.5 |
| | Switch type | SW64 |
| D500 | Satellites | 119 and 110 |
| | Switch type | SW42 |
| Bell | Satellites | 91, 82 |
| | Switch type | SW21 |

Configuring Additional Receivers

Follow these steps to set up each additional receiver (if not preconfigured by KVH), including any new or home-configured receiver that you add to the system:

1. Connect the receiver to the antenna's RF1 cable.
2. Run a Check Switch test on the receiver.