

Configuring the TracVision System for Your Satellite TV Service

These instructions explain how to set up the TracVision® system for the desired satellite TV service.

Step 1 - Connect Service Keys, If Required

Some configurations require you to connect one or two service keys to the switchplate. Find the selected satellite service below to determine which service key(s), if any, you need to connect.

DIRECTV

The system ships from the factory set up for DIRECTV® service. No service keys are required to track the DIRECTV 101, 110, or 119 satellites.

DISH 1000

To ensure you receive proper reception for your geographic area, use the map in Figure 1 to determine the appropriate DISH 1000 configuration.

DISH 1000/129

No service keys are required to track the DISH 110, 119, and 129 satellites.

DISH 1000/61

Connect service key "A" to the front of the switchplate (see Figure 4) to track the DISH 110, 119, and 61 satellites.

DISH 500

Connect service key "A" to the front of the switchplate (see Figure 4) and service key "B" to the back of the switchplate (see Figure 5) to track the DISH 110 and 119 satellites.

ExpressVu

Connect service key "B" to the back of the switchplate to track the ExpressVu 82 and 91 satellites (see Figure 5).

Figure 1 Approximate 61 Satellite Areas (DISH 1000 Only)



Figure 2 Service Key Usage

| Satellite Service | Key A | Key B |
|-------------------|---------|---------|
| DISH 1000/129 | - | - |
| DISH 1000/61 | Connect | - |
| DISH 500 | Connect | Connect |
| ExpressVu | - | Connect |

Figure 3 Service Keys

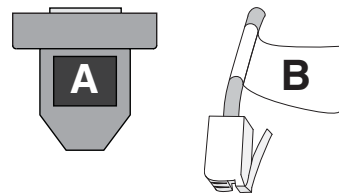


Figure 4 Connecting Service Key A

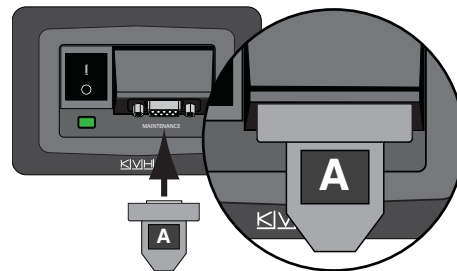
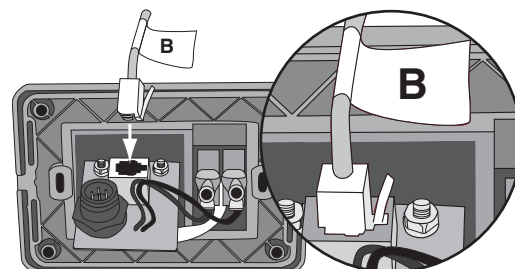


Figure 5 Connecting Service Key B



Step 2 - Run Two Check Switch Tests

If you installed a **DISH Network** or **ExpressVu** receiver, you need to run two Check Switch tests. The first Check Switch test finds the satellites; the second Check Switch test configures the receiver for those satellites.

***NOTE:** If you are connecting multiple receivers, repeat this process for each additional receiver. You will need to connect each receiver, one at a time, to the RF1 cable and perform the steps below. Then, once you have completed this process for each receiver, you can reconnect them as desired.*

- a. Stop the vehicle/vessel in a blockage-free area.
- b. Ensure the receiver you wish to configure is connected to the RF1 cable.
- c. Turn on the TV and receiver.
- d. Set the switchplate's power switch to the ON (I) (up) position to apply power to the TracVision antenna. Wait one minute for system startup.
- e. Using the receiver's remote, go to the "Point Dish/Signal Strength" screen (press MENU, 6, 1, 1 on most models).
- f. Choose **Check Switch**, then press SELECT.
- g. Choose **Test**, then press SELECT.
- h. Wait at least 15 minutes before proceeding. Disregard any messages that appear on the TV screen.
- i. After you have waited 15 minutes, repeat Steps e-g to run a second Check Switch test.
- j. Refer to the tables in Figure 6 to verify the values on your TV match those required for your selected service. If your values do not match, turn off the antenna, then turn it back on and repeat Steps e-i.
- k. Exit the menu and allow the receiver to download the program guide.

***NOTE:** This procedure does not need to be performed again unless another receiver is added, receiver(s) are reconfigured for home use, or the user has moved to a different DISH 1000 satellite coverage area (see Figure 1 on page 1).*

Figure 6 Expected Results for Second Check Switch Test

DISH 1000/129 Results

| | | | |
|------------------|--------------------|-----|-----|
| Port | 1 | 2 | 3 |
| Satellite | 119 | 110 | 129 |
| Trans | OK | OK | OK |
| Status | Reception Verified | | |
| Switch | SW64 | | |

DISH 1000/61 Results

| | | | |
|------------------|--------------------|-----|----|
| Port | 1 | 2 | 3 |
| Satellite | 119 | 110 | 61 |
| Trans | OK | OK | OK |
| Status | Reception Verified | | |
| Switch | SW64 | | |

DISH 500 Results

| | | | | |
|------------------|--------------------|------|-----|------|
| Input | 1 | 1 | 2 | 2 |
| Satellite | 119 | 119 | 110 | 110 |
| Polarity | Odd | Even | Odd | Even |
| Status | Reception Verified | | | |
| Switch | SW42 | | | |

ExpressVu Results

| | | | | |
|------------------|--------------------|------|-----|------|
| Input | 1 | 1 | 2 | 2 |
| Satellite | 82 | 82 | 91 | 91 |
| Polarity | Odd | Even | Odd | Even |
| Status | Reception Verified | | | |
| Switch | SW21 | | | |