

PACE DC100X Quick Start Guide




Thank you for choosing the Pace DC100X Set-top.

Follow the set-up instructions in this Quick Start Guide to ensure you get the best from your set-top.

To ensure you use this product safely, please read all the safety information included in this document.

ma@rovision

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The model number, serial number and electrical rating of this set-top are on a label on its base.

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IMPORTANT SAFETY INSTRUCTIONS

Before you install or use the apparatus, you must read and understand these Important Safety Instructions. At all times when using the apparatus you must follow these Important Safety Instructions to reduce the risk of fire, electrical shock and injury to persons.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.




SAFETY INFORMATION


This digital set-top has been manufactured and tested with your safety in mind. However, improper use can result in potential electric shock or fire hazards. To avoid defeating the safeguards that have been built into your set-top, please observe the precautions discussed in this document.

Warnings on your set-top

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

ATTENTION
RISQUE DE CHOC ELECTRIQUE
NE PAS OUVRIR

 The lightning flash with arrowhead symbol, within a triangle, is intended to alert you to the presence of uninsulated "dangerous" voltages within your set-top's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

 The exclamation point within a triangle is intended to alert you to the presence of important instructions in the literature accompanying your set-top.

Other warnings

To reduce the risk of electric shock, do not remove the cover of your set-top. There are no user-serviceable parts inside it.

Do not perform any servicing unless you are qualified to do so by pace. Refer all servicing to qualified service personnel. Servicing the set-top yourself will invalidate the warranty.

On the rear panel of your set-top there is a tamper-evident label that states "Warranty void if broken or removed".

To reduce the risk of fire or electric shock, do not expose this set-top to rain or moisture.

INSTALLATION

The installation of your set-top should be carried out by a qualified installer and should conform to local codes.

Note to the installer

This reminder is provided to call the attention of the cable-TV-system installer to Section 820-40 of the National Electrical Code (USA), which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as is practical.

Service address:

Pace Micro Technology (Support Services) Ltd.,
3701 FAU Boulevard, Suite 200,
Boca Raton, Florida, 33431, U.S.A.

In addition to the Important Safety Instructions, please read the Safety Information below.

Power sources

You must operate your set-top only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company. If you move your set-top between locations at different temperatures, allow it to reach room temperature before you apply power to it.

Overloading

Do not overload wall outlets, extension cords or other power outlets as this can result in a risk of fire or electric shock.

Lightning

For added protection for your set-top during a lightning storm, or when it is left unattended and unused for long periods of time, disconnect the cable system from your set-top. See also item 13 in the Important Safety Information.

Placement and mounting

Do not place your set-top on an unstable or uneven surface. Your set-top may fall, causing serious injury to a child or adult and serious damage to your set-top. If you mount your set-top, for example to a wall or ceiling, follow the manufacturer's instructions and use a mounting accessory recommended by the manufacturer. See also item 12 in the Important Safety Instructions.

Risk of fire or scorching

Never place naked flame sources, such as lighted candles, on or adjacent to your set-top.

Ambient temperature

The operating temperature range of your set-top is 32-104°F. If the ambient temperature around your set-top falls outside this range, you must correct this in order for your set-top to work correctly and safely. For example, if the temperature is too high, switch on the air conditioning.

Ventilation

Slots and openings in the casing of your set-top are provided for ventilation, to ensure reliable operation of your set-top and to protect it from overheating.

- Never block the ventilation openings by placing your set-top on a bed, sofa, rug or other similar surface.
- Never cover the ventilation openings with items such as newspapers, tablecloths or curtains.
- Do not place your set-top in a built-in installation such as a bookcase or rack unless proper ventilation is provided or you have adhered to the manufacturer's instructions.
- Maintain a minimum distance of 1 inch around your set-top for sufficient ventilation.

See also item 7 in the Important Safety Instructions.

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NOTE

Your set-top has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. Your set-top generates, uses and can radiate radio-frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If your set-top does cause harmful interference to radio or television reception, which can be determined by turning your set-top off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between your set-top and the receiver.
- Connect your set-top to an outlet on a circuit different from that to which the receiver is connected.
- Consult your dealer or an experienced radio/TV technician for help.

EPILEPSY AND ON-SCREEN IMAGES

Certain people are susceptible to epileptic seizures or losing consciousness when faced with certain types of flashing lights in our daily environment.

These people are exposed to the risk of seizures if they watch certain television images. This phenomenon may appear even when the subject has no previous history of this problem or has never suffered an epileptic seizure.

If you, or a member of your family, has already suffered symptoms linked to epilepsy (seizure or loss of consciousness) in the presence of stimulation by light, please consult your doctor before using this product.

If you or any person using the equipment experiences dizziness, involuntary movements or convulsion, please immediately stop viewing and consult a doctor.

Entry of objects and liquids

Never push objects of any kind into your set-top through openings as they may touch dangerous voltage points or short-out parts that could result in fire or electric shock. Never spill liquid of any kind on your set-top.

Water and moisture

Do not expose this set-top to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on your set-top. See also item 5 in the Important Safety Instructions.

SAVE THIS INFORMATION FOR FUTURE REFERENCE

REGULATORY INFORMATION

CAUTION: Do not attempt to modify your set-top without written authorization from the manufacturer. Unauthorized modification could void your authority to operate your set-top.

Transporting

Move the combination of set-top and cart with care. Quick stops, excessive force and uneven surfaces may cause the combination of set-top and cart to overturn. See also item 12 in the Important Safety Instructions.

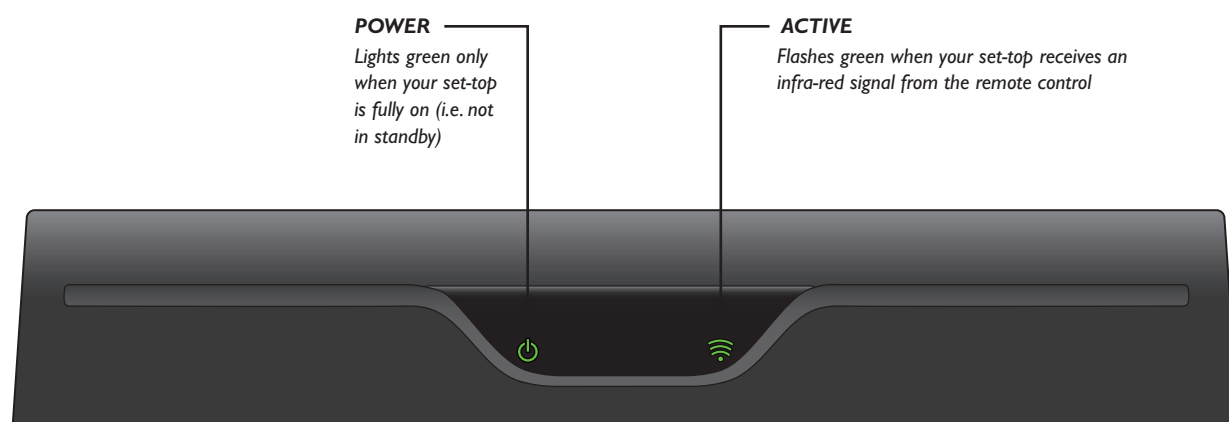
Replacement parts

When replacement parts are required, be sure that the service technician has used replacement parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards. See also item 14 in the Important Safety Instructions.

Safety check

Upon completion of any servicing or repairs to your set-top, ask the service technician to perform safety checks to determine that your set-top is in its proper operating condition. See also item 14 in the Important Safety Instructions.

1. YOUR SET-TOP'S FRONT PANEL

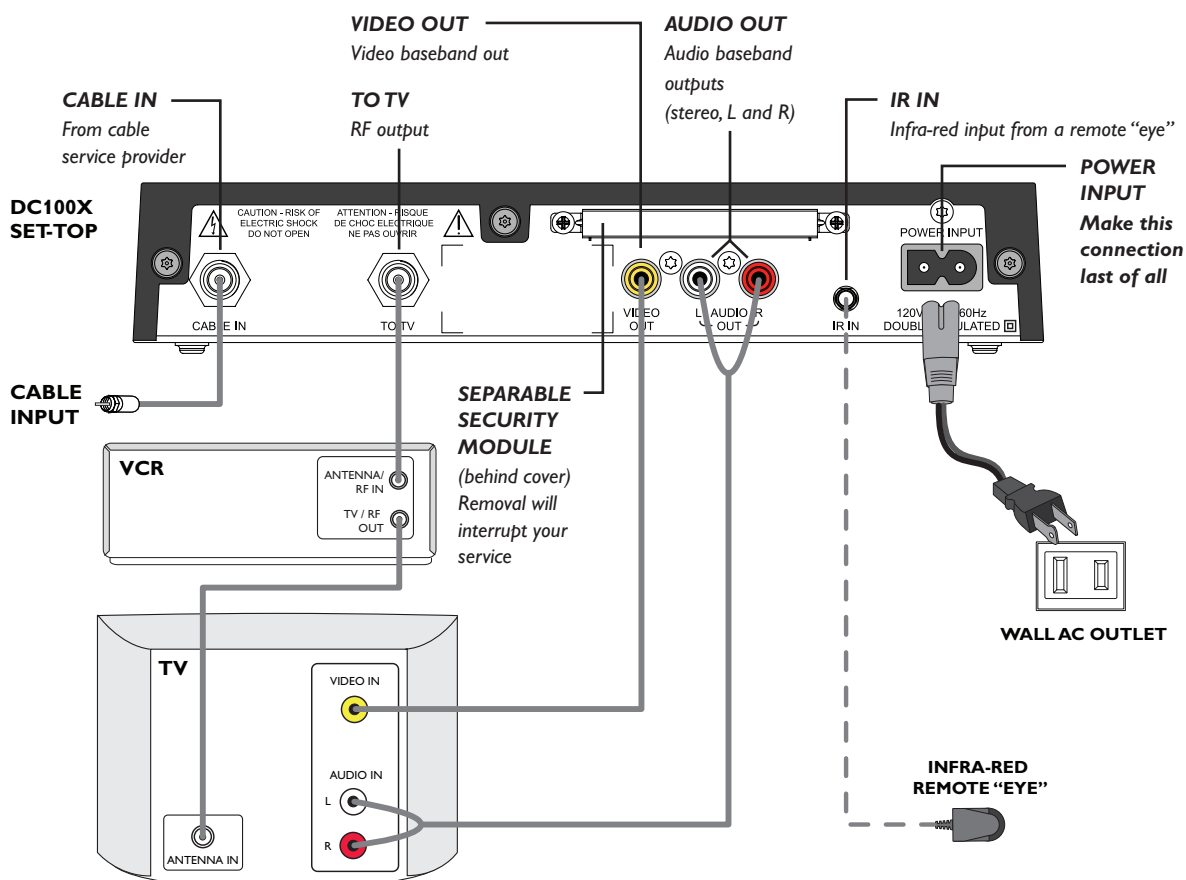


2. CONNECTING TO A TV AND OPTIONAL VCR

Before starting, choose a suitable position for your set-top, observing the ventilation requirements set out in the safety information on the other side of this sheet. Refer to the rear-panel connection diagram below, which shows a typical connection set-up for a TV and VCR.

1. Connect the cable service to the connector marked **CABLE IN** on your set-top.
2. Connect your set-top to your TV via a video baseband cable, as shown.
3. Connect audio baseband cables to your TV, as shown.
4. Connect RF cables to your set-top, VCR and TV as shown. These connections are optional. A further optional connection to an infra-red remote "eye" is shown with a dashed line.
5. After you have made the connections between your set-top and your TV and VCR, connect all the equipment to the AC power supply following the instructions on this page.

3. REAR-PANEL CONNECTIONS



WARNINGS

Do not connect your set-top (or any other equipment such as a TV or VCR) to the AC power supply until you have properly connected all the other cables.

Disconnect your set-top from the AC power supply before you disconnect any other equipment from its rear panel.

Do not defeat the safety purpose of the polarized plugs on power cords. A polarized plug has two blades with one wider than the other. This plug fits into the outlet in only one way; match the wide blade of the plug to the wide slot of the outlet.

The cable input is designed for connection to a cable network only. You must not connect any other equipment, such as a VCR, to this input.

4. CONNECTING TO THE AC POWER SUPPLY

Connecting the power cord to your set-top

Before you connect your set-top to a wall outlet, connect the polarized plug on the power cord into the socket labeled "POWER INPUT" on your set-top's rear panel.

Connecting equipment to the wall AC outlets

Connect the polarized plugs on the power cords from your set-top, VCR and any other equipment into wall AC outlets. If these outlets have switches, switch them to ON.

Disconnecting

Disconnect your set-top from the power supply before you disconnect any other equipment from its rear panel.

The only way to disconnect your set-top from the power supply is to remove the power cord from the wall socket-outlet. Your set-top must therefore be installed near to the wall socket-outlet, which should be easily accessible.

5. TURNING YOUR SET-TOPI ON AND OFF

After you have connected your set-top to the wall AC outlet (and switched this outlet ON, if it has a switch), wait for a few seconds until the POWER light illuminates.

If it does not, press the **power** button on your remote control. The POWER light is illuminated green to show that your set-top is fully on.

If the POWER light will not illuminate, there is a problem (see Solving Problems, below).

To turn your set-top on or off at any time, press the **power** button on your remote control (first making sure your remote control is set to control your set-top).

Never turn off your set-top by simply disconnecting it from the power supply. If you need to disconnect your set-top, turn off the set-top by pressing the **power** button on your remote control, so that the POWER light on the front panel is off.

6. USING YOUR REMOTE CONTROL

Your cable TV service-provider determines the digital channels, services and screen information that you see on your TV when you use your set-top and its remote control.

The ACTIVE light flashes green when your set-top receives an infra-red signal from the remote control.

Consult the information supplied by your cable service-provider for details on how to make the most of the digital cable services. Also read the operating instructions that are supplied with your remote control.

NOTE

It is important that, unless there is a lightning storm or you will be away from your home for a long time, you do not unplug your set-top at the wall AC outlet (or do not switch it off there, if the outlet has a switch). Your set-top cannot be updated with new features, through the cable, if it is disconnected from the AC power supply.

SOLVING PROBLEMS

If the installed system does not seem to be working properly, first make sure that all the cables are securely connected, then carry out the following checks, in the order shown.

Check	Suggested solution	Further checks, if there is still a problem
Is anything lighted on your set-top's front panel? YES ▼	NO ► Power may not be reaching your set-top. Make sure that the power cord is properly plugged in . If there is a switch by the wall AC power outlet, switch it to ON. YES ▼ Make sure your set-top is fully on by pressing the power button on your remote control.	Check that the wall AC power outlet is working (for example by plugging in a lamp).
Does the remote control operate your set-top? YES ▼	NO ► Check that nothing is blocking the path from your remote control to the front panel.	Check that your remote control is currently set to operate your set-top (consult the instructions supplied with your remote control). If your remote control will still not operate your set-top, replace the batteries in your remote control.
Can you see a picture on your TV screen? YES ▼	NO ► Your TV and other equipment may not be turned on. Check that they are plugged into AC power outlets and turned on.	If your stereo TV is connected by baseband AV cables, check that you have selected the appropriate baseband input on your TV. If your TV and VCR are connected by RF coaxial cables, they must be tuned to your set-top's output channel. This is channel 3 or channel 4 (contact your cable operator to find out which it is). Tune your TV and VCR to this channel. If the video path between your set-top and your TV loops through other equipment (such as a VCR) you may need to turn off this equipment for the loopthrough to work.
Is the picture distorted or too small? NO ▼	YES ► Your TV and/or VCR may not be tuned to your set-top's output channel.	Make sure that the TV/VCR switch on your VCR is switched to "TV".
Is there any sound? NO ►	NO ► Check that the audio cables are securely and correctly connected.	Check that you have not muted the sound on your set-top, TV and/or any attached audio equipment. Adjust the volume control on your set-top and/or TV. If you can hear only mono sound, first check that the program is likely to have stereo sound (an old movie, for example, may not be in stereo). If the TV is mono, you will only hear stereo sound if you have a stereo audio amplifier and speakers or home theater connected to the stereo VCR or set-top. This is also the case if the stereo TV has only an RF input.