



R&S® SpycerBox Cell Quick Start Guide

Overview

The following section provides an overview of the system.

Damage Protection



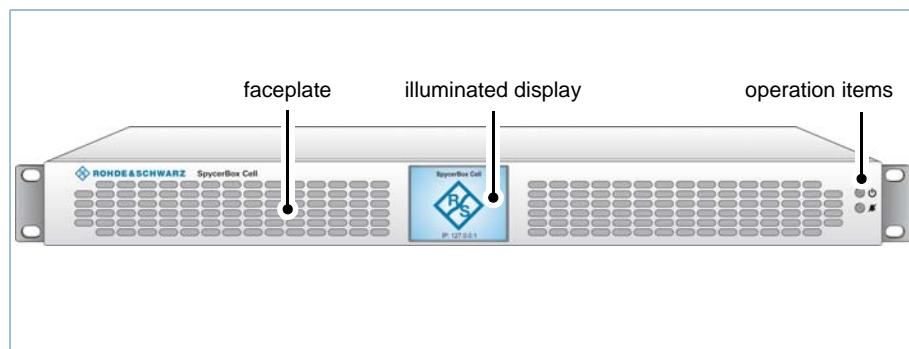
NOTICE

Placing one system on top of the other

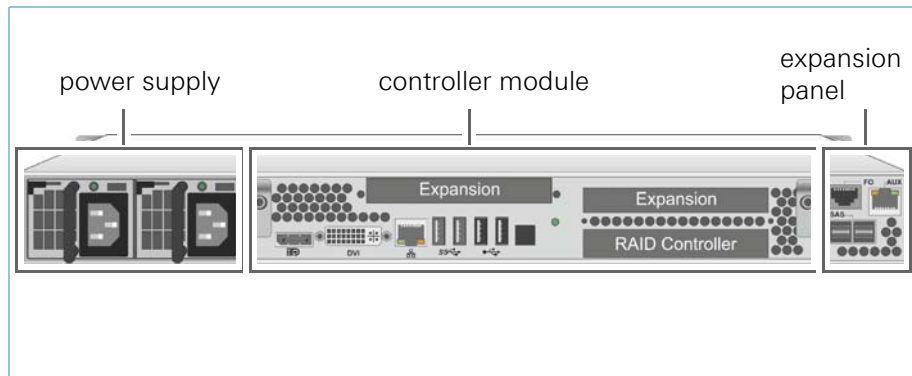
Placing one system on top of the other can damage the chassis and interior of the system.

Do not place one SpycerBox Cell on top of the other.

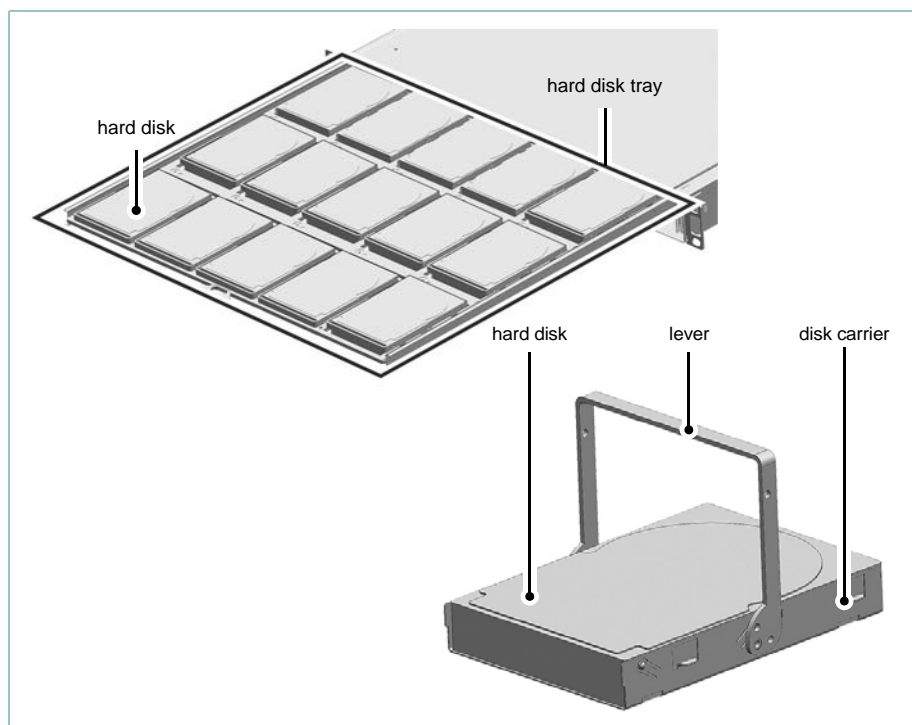
Overview of the Front



Overview of the Rear



Hard Disk Tray



The LEDs to the top left of each hard disk on the hard disk tray indicate its status:

- LED off indicating the hard disk is idle
- LED green indicating the hard disk is accessed
- LED green blinking indicating disk activity
- LED red indicating a hard disk or hard disk carrier related error has occurred
- LED red blinking indicating a hard disk location process in the SAN Remo software or a hard disk or hard disk carrier related error has occurred



Important Notes

The following provides information about safety and warranty.

Safety

NOTICE

Noncompliance with safety instructions

If the R&S system is not used in compliance with the safety instructions, the warranty and all resulting liability claims will be void.

Read the safety instructions provided in the Hardware Guide carefully before attempting any installation and/or performing any work on the SpycerBox Cell hardware.

Warranty

NOTICE

Incorrect packaging

This warranty will be void if you do not transport the R&S device in the original packing.

You have to keep the original packing and use it in case of transportation.

Inserting the Hard Disks

NOTICE

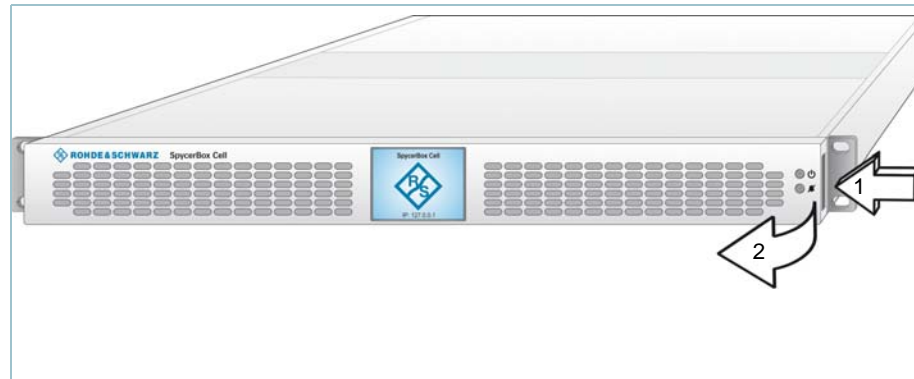
Incorrect handling

The hard disks and/or the system might be damaged if you do not carry out all necessary tasks properly.

Read the information below first, before attempting to assemble the hard disks or before you carry out any task with the SpycerBox Cell. Read the "SpycerBox Cell Hardware Guide" as well.

Before you can start working with the system, you have to insert all hard disks into their respective places on the hard disk tray. The hard disks carry numbers indicating whether a hard disk should be put into the hard disk tray on top (Top: T0, ..., T14) or into the second hard disk tray at the bottom (Bottom: B0, ..., B14). Before you can pull out a hard disk tray, you first have to remove the faceplate.

Faceplate Removal



1. Press the darker metal button on the right side of the faceplate and keep it pressed.
2. When standing right in front of the SpycerBox Cell, pull the face-plate with moderate but intense strength from the right side to your direction.
3. Take the faceplate out of its fastening on the left side.

Assembling the Hard Disks

NOTICE

Incorrect handling of the hard disks

Significant environmental changes, for example, altitude, voltage, temperature, shock, vibration, etc., can damage a hard disk

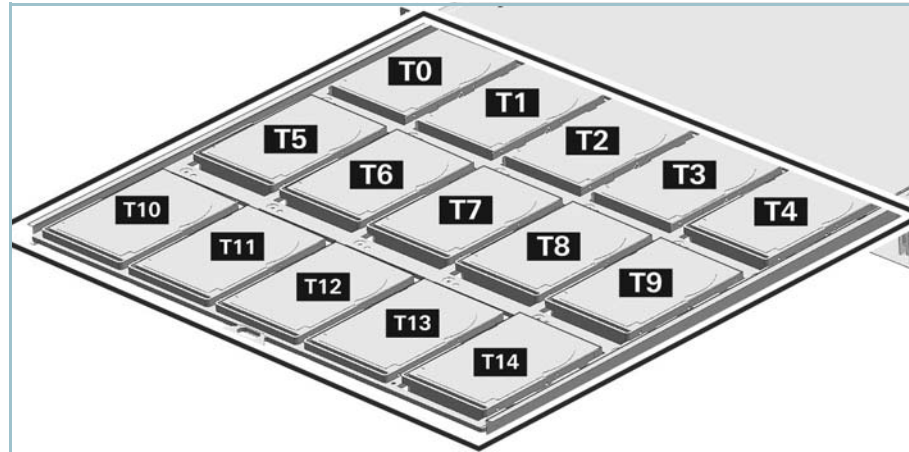
Handle hard disks with great care.



It is recommended to start with the second hard disk tray at the bottom and insert the hard disks B0, ..., B14. Then slide the hard disk tray back into the system, pull out the first hard disk tray and insert the hard disks T0, ..., T14 into their places as shown in the following.



Assemble the hard disks in the order shown below. The order of hard disk on the second hard disk array at the bottom is the same as in the figure above, except the letter 'B' instead of the letter 'T'.



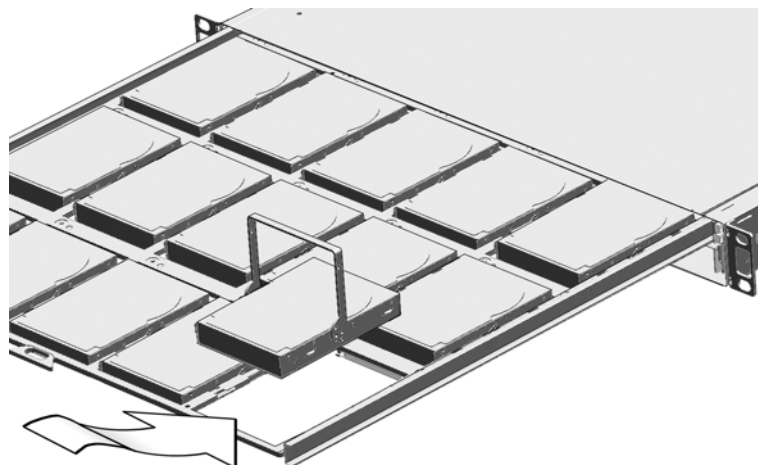
Perform the following steps:

1. Unpack the hard disks you have received from R&S DVS.

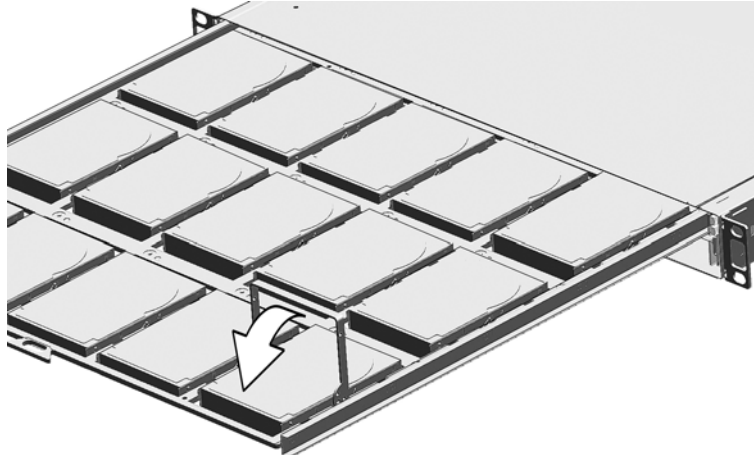


Please heed the respective numbering on the hard disks and therefore their position in the hard disk tray. Furthermore, please heed the position of the interface on the hard disk and on the hard disk tray which have to match

2. When standing right in front of the system, you have to cautiously slide the hard disk in its place on the hard disk tray. For this take the lever of the hard disk and then insert the hard disk cautiously in place, in the direction away from your position and down, as shown in the following figure:

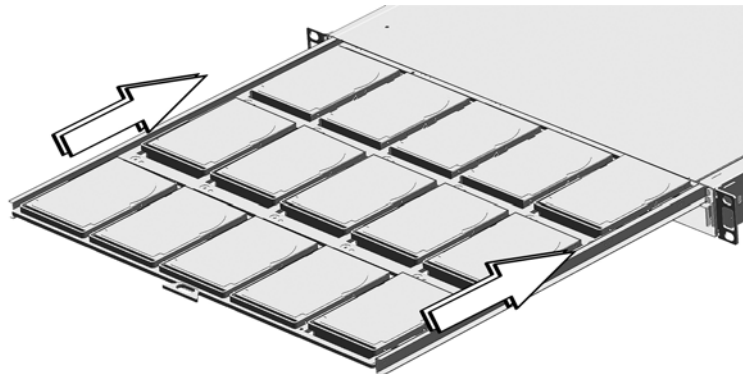


3. Move the lever back down.



The disk carrier of the replaced disk should be level with the others of the array.

4. Cautiously push the disk tray back into the system.



5. Fasten the faceplate.

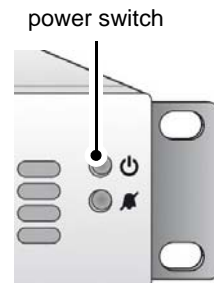


When you start working with the system after having fastened the faceplate, the LEDs on the hard disks will show you their state and therefore a successful assembly. You can use the SAN Remo configuration management software to check if assembling the hard disks has been successfully completed as well. For this, see the „SAN Remo Configuration Management“ supplement.



Starting the System

- Press the power switch at the right side of the faceplate briefly to turn on the system:



SAN Remo Software

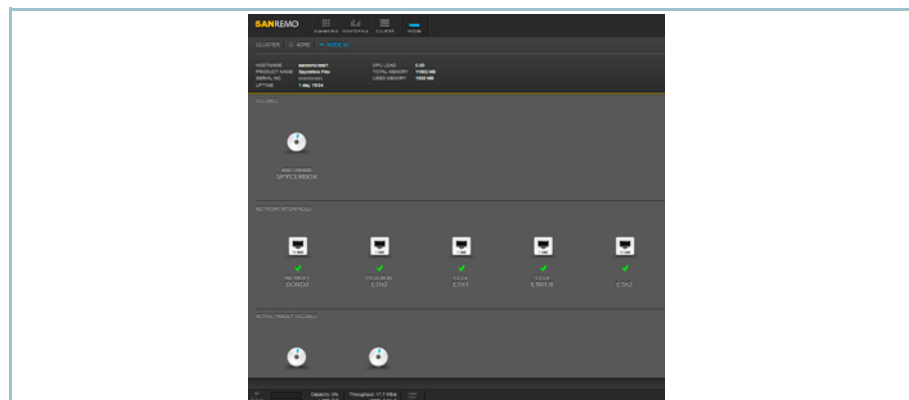
R&S DVS's configuration management software SAN Remo is used to configure, reboot and shut down the SpycerBox Cell.

After starting the software, you have to log in to the system:

- user: **admin**
- password: **admin**



SAN Remo will start automatically in kiosk mode when starting the system. In this mode, the system can be configured locally. A remote configuration (client connection) with any other web browser is possible as soon as the network has been configured.



SAN Remo will run in the web browser (Mozilla Firefox version 4 and higher, Internet Explorer version 11 and higher, Google Chrome and Safari) on every client in the network. The address is the IP address of the SpycerBox Cell in the network as shown in the display in the middle of the faceplate.

Shutting Down the System

With the Operating System Fully Loaded

- Turn off the system by shutting down the operating system through the SAN Remo software. For this, navigate to **Nodes** view and click the turn-off button in the top right corner:



Alternatively, you can initiate a shut down by pressing the power switch briefly.

In Case of Operating System Failure

If the operating system is no longer responding or not completely loaded, perform the following:

NOTICE

Data Loss

This procedure can cause corrupted system data. However, the system should be sufficiently protected by the journaling file system and the battery backup unit.

- Turn off the system by pressing the power switch for approx. 5 sec. until the system turns off.



Maintenance

During the service life of the R&S DVS system you may have to exchange the controller module or a power supply.

Controller Exchange

NOTICE

Incorrect maintenance

Incorrect exchange of the controller module can cause damages to the system.

Before exchanging the controller module, contact the R&S DVS service department.

Power Supply Exchange

NOTICE

Second power supply failure

The system can be operated with one power supply unit out of order. However, if another one fails, a continued operation of the system cannot be guaranteed.

It is recommended to change a failed power supply unit immediately.

Support

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▶ Support

