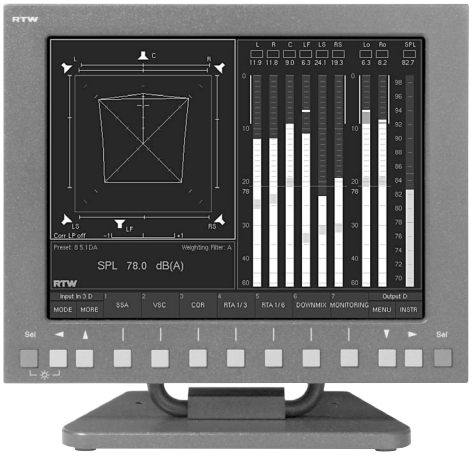
Operating Manual Remote Display 30010

The Remote Display 30010 is optimum harmonized in function and design with the SurroundControl 31900 series and the SurroundMonitor 11900 series. It is the ideal display instrument for these main units. The bank of buttons on the front side of the Remote Display 30010 allows the control of the different functions of the units.



① Before Start-up

Used symbols:

📖 This symbol draws your attention to the related topics in the operating manual.

→ ... Press the button/key ...

Safety information:

⚠ Warning! Dangerous voltage may exist.

⚠ Attention! Note precautionary instructions!

⊥ Functional earth terminal

⏚ Protective earth terminal

Please note:

⚠ There are no user-serviceable parts in the Remote Display 30010. Please always have any necessary servicing performed by a properly qualified technician. Never remove any parts from the unit and do not make any modifications to the unit without the express written consent of RTW. Modifications can cause both safety hazards and affect the unit's EMI-CE conformity.

⚠ The Remote Display is designed for indoor use only.

⚠ To prevent possible electrical shock, fire, injuries and malfunctions:

- Never open the housing.
- Never insert your fingers or any other objects into the housing.
- Never expose the unit to moisture and do not install it in a dusty environment.
- Never cover the unit or place any objects on it.
- Never operate the unit without adequate ventilation.
- Never place anything containing liquids on the unit.
- Turn off and disconnect the power supply immediately if the unit produces unusual smells, noises or smoke, or if foreign substances (e. g. liquids) or foreign objects enter the unit.

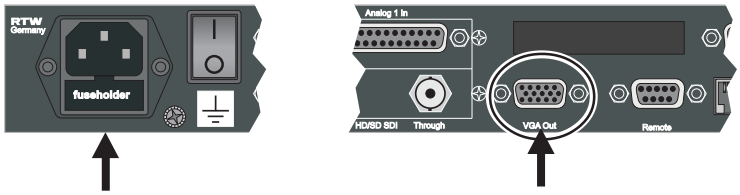
Please study carefully the safety information in Chapters 1.3, 1.4 and 7.1 of the operating manuals!

WEEE-Reg.-No.: DE 90666819
Category: 9
Device type: These instruments comply with and fall under category 9 Monitoring and control equipment of Annex 1B of the RoHS-Directive 2002/95/EC.

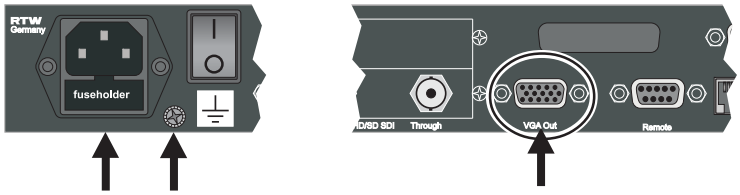
② Connection

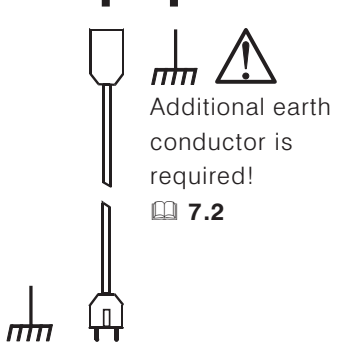
- Make sure that the power supply cord is **not** connected and the power switch on the front panel of the main units is in the OFF position before connecting the Remote Display 30010 to the main unit.
- Only use a VGA cable with **all** the pins of the connectors wired (Bürklin type 13M4240, RTW no. 1185).
- When all components are attached first connect the display and then the main unit to the mains supply.

Rear panel (connector side) SurroundControl 31900 series



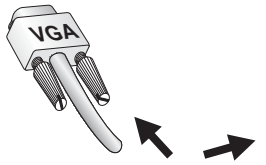
Rear panel (connector side) SurroundMonitor 11900 series



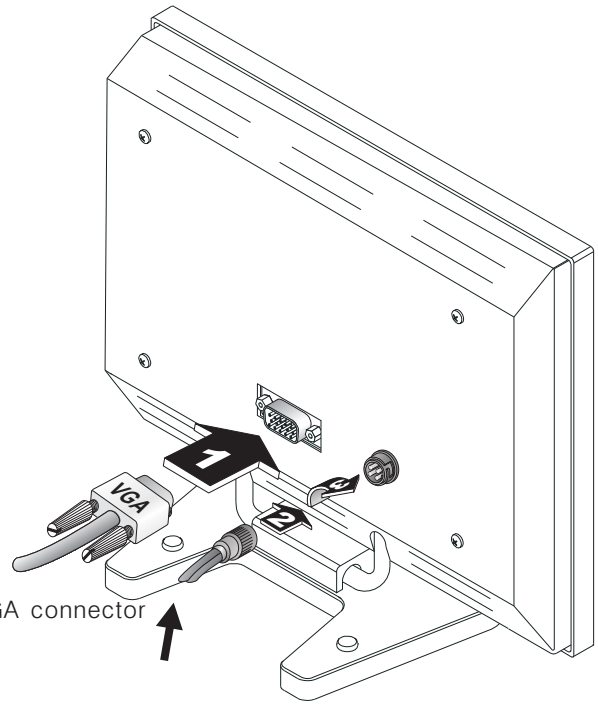


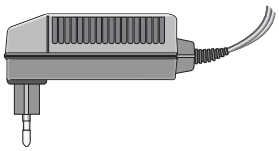
Additional earth conductor is required!
🕮 **7.2**

3-wire earthed power cord
85 – 264 V AC
Fuse: 3.15 A
🕮 **7.2 and 7.3.1**



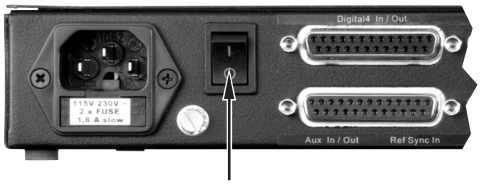
All the pins of the VGA connector cable must be wired!
31900: 🕮 **7.3.3**
11900: 🕮 **7.3.2**
(Bürklin type 13M4240, RTW no. 1185, included in delivery)





Wide voltage power supply
90 V to 240 V DC, 630 mA
(RTW no. 1171-R, included in delivery)

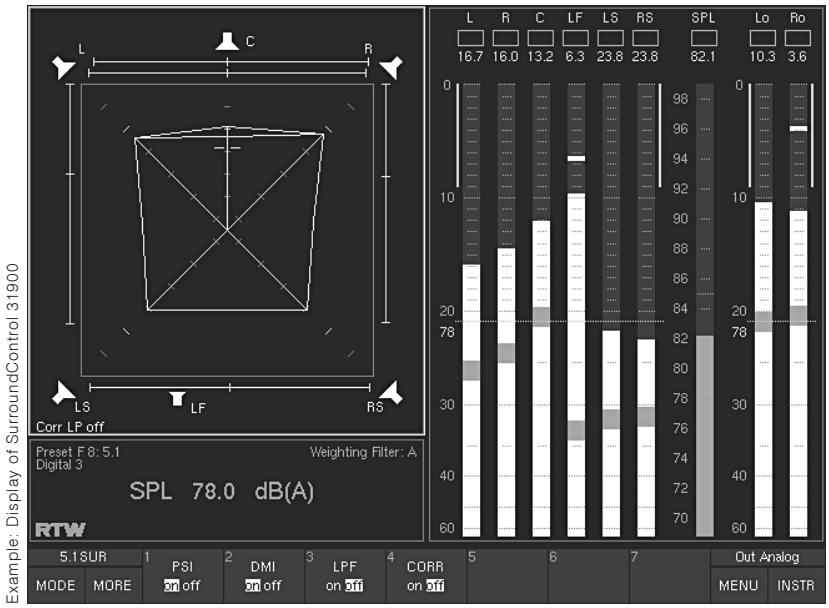
③ Start-up



Power on (I)

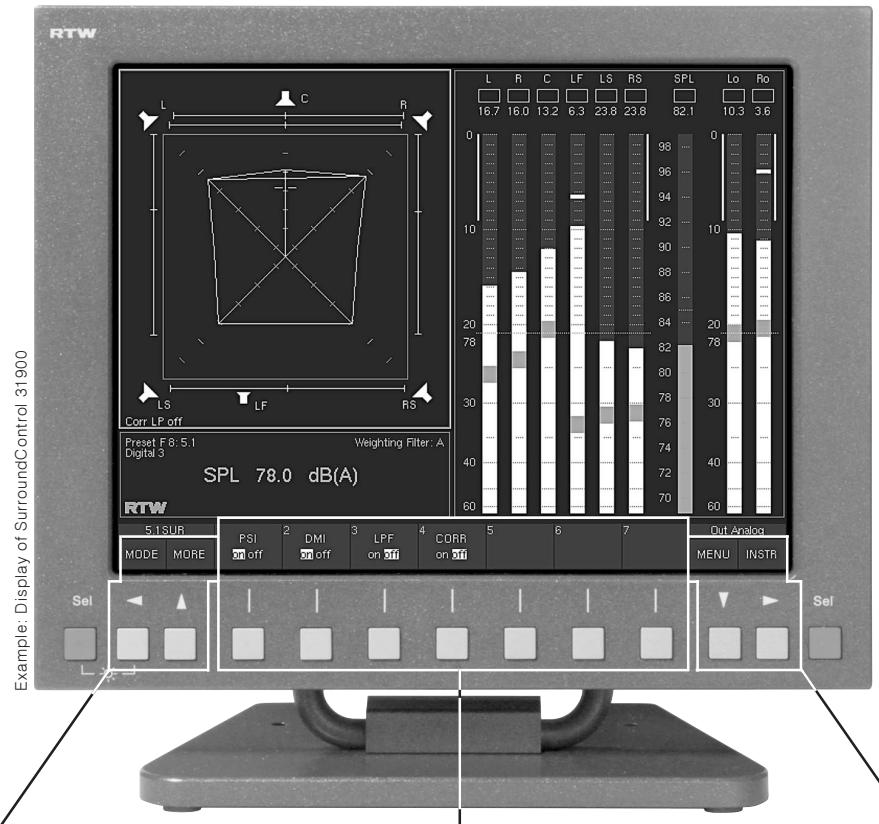


approx. 25 s



Example: Display of SurroundControl 31900

④ Control elements



Example: Display of SurroundControl 31900

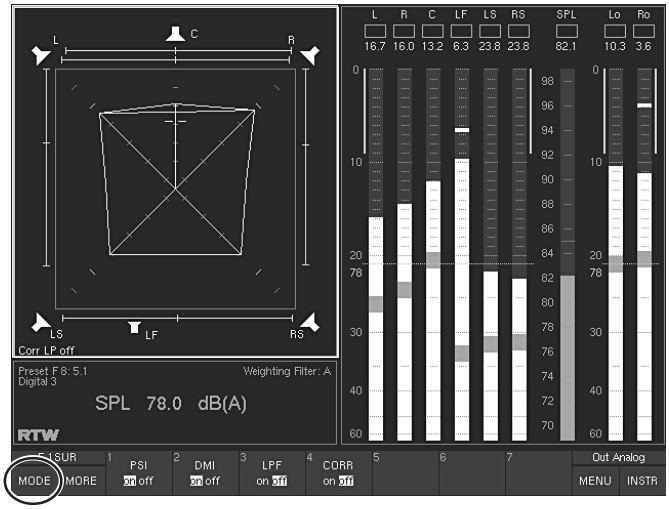
Control and cursor keys
📖 **4.2, 4.3, 5.1 and 6.1**

Function keys for selecting the instrument functions
📖 **4.2, 4.3, 5.1 and 6.1**

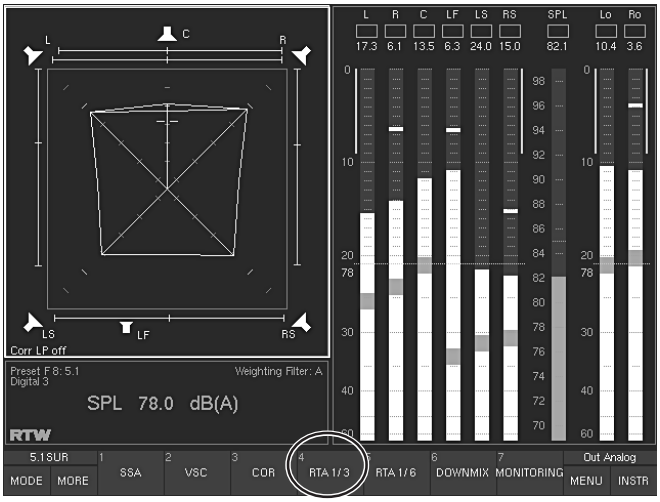
Control and cursor keys
📖 **4.2, 4.3, 5.1 and 6.1**

⑤ Examples for Operation

Example for instrument select: the active instrument is marked in the left window of the screen display with a highlighted frame (see **1.** to **5.** below)
Example for a peak meter function call (see **6.** to **7.** below)



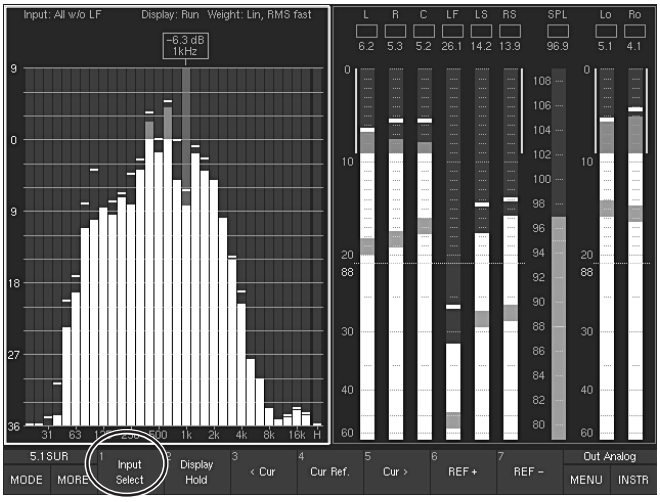
1. SSA (Surround Sound Analyzer) in Function Select mode (instrument functions can be selected, see figure above).
Other instruments can be selected by the use of the MODE key.



Examples: Displays of SurroundControl 31900

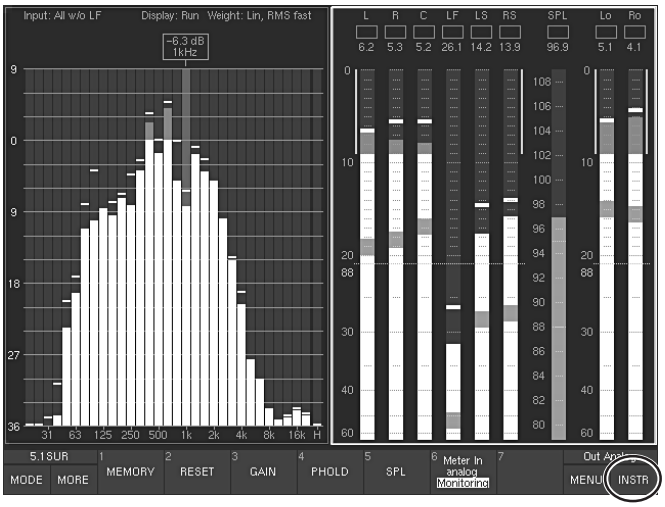
2. → MODE: The display changes to Instrument Select mode, another instrument can be selected, i. e. in the figure above: Real Time Analyzer (instrument RTA 1/3).
More instruments: → MORE

3. → RTA 1/3



4. RTA 1/3 in Function Select mode (functions can be selected)

5. Example: → function Input Select
(inputs for RTA 1/3 can be selected)



Examples: Displays of SurroundControl 31900

6. Focus change from the instruments functions and displays (left window) to the peak meter functions (right window):
→ INSTR: the functions of the PPM instrument are displayed (highlighted frame around the right window)

7. → INSTR: the RTA 1/3 instrument functions are active again (highlighted frame around the left window)