

Schenker provides an interface system that allows you to manage all desalinization systems with a TOUCH control panel through the main MFD (Multi-Function Display) with HTML5 applications available on the market (SIMRAD, B&G, LOWRANCE, GARMIN, RAYMARINE) via RJ45 connection.

The system consists of the following components:



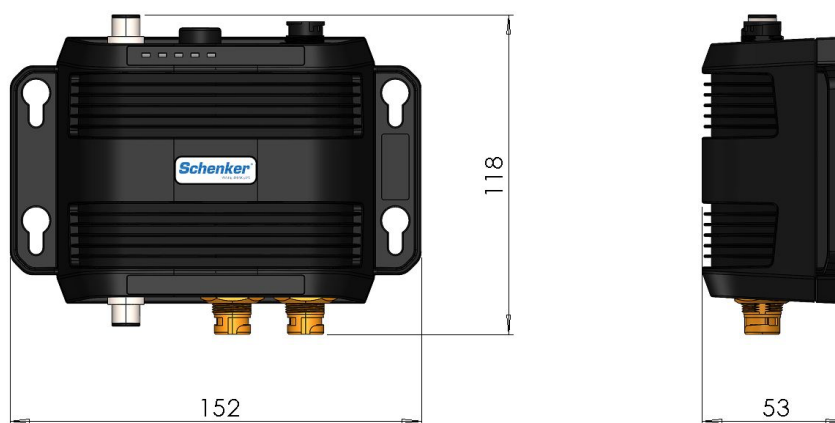
MFD INTERFACE SYSTEM

Fig. 1-1

1.1 Interface

1.3 Adapter Interface – RJ45 female (1,5 m)

1.2 Cable Interface – Computer box (1,8 m)



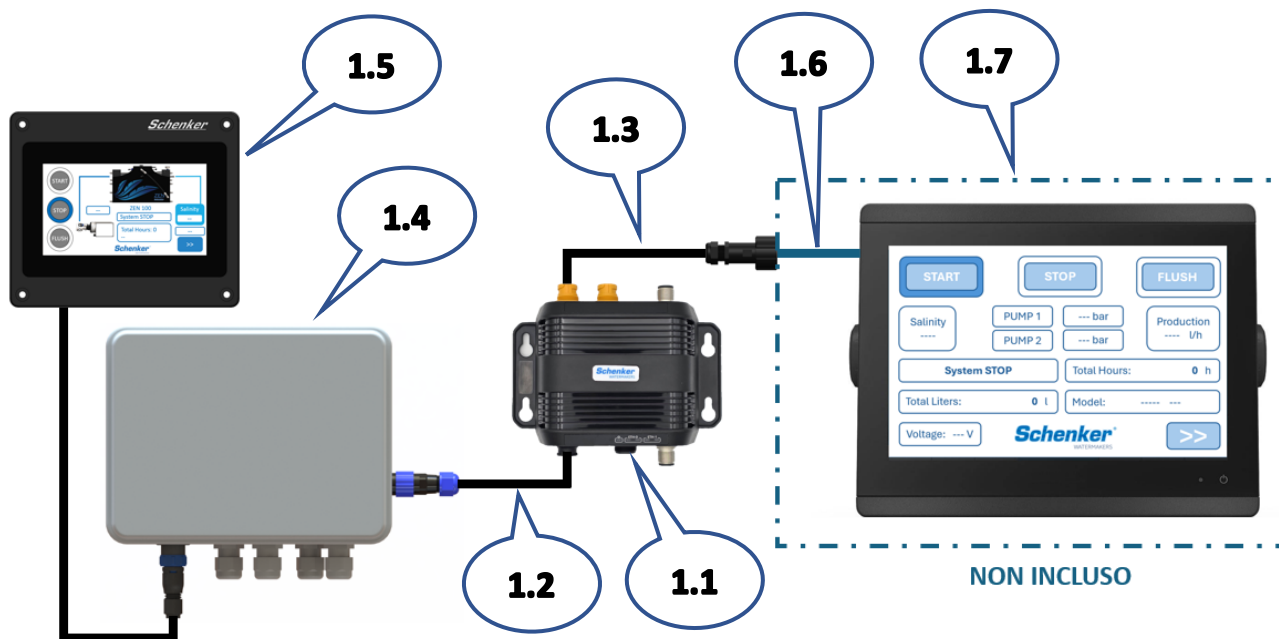
The dimensions are reported in mm.

MFD INTERFACE SYSTEM DIMENSIONES

Fig. 1-2

The length of the cables cannot be modified.

The system consists of the following components:



MFD INTERFACE WIRING

Fig. 1-3

- | | |
|-------------------------------------|---------------------------------------|
| 1.1 Interface | 1.5 Control panel TOUCH |
| 1.2 Cable Interface – Computer box | 1.6 Ethernet cable m-m (not included) |
| 1.3 Adapter Interface – RJ45 female | 1.7 MFD (non inclusio) |
| 1.4 Computer box | |

The male-to-male ethernet cable allows you to connect the adapter (see detail 1.3 of *Fig 1.3*) to the MFD it's not included. The RJ45 connectors must be wired according to the EIA/TIA-568B scheme (scheme for straight network cable):



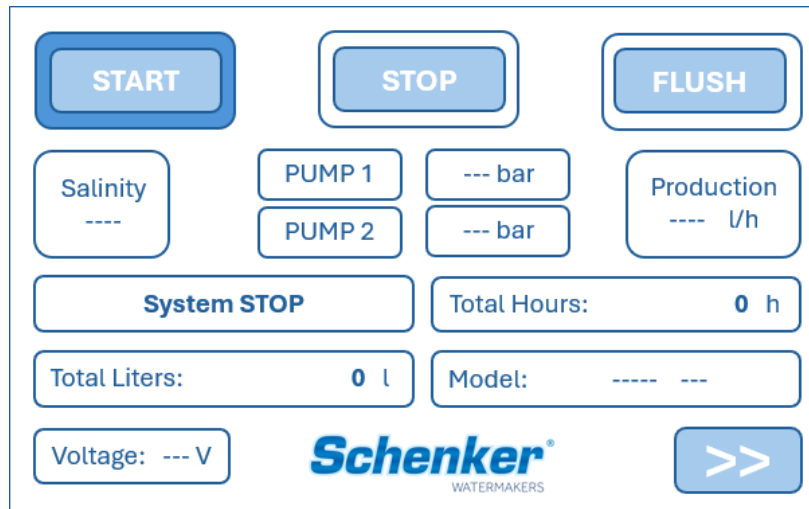
STRAIGHT NETWORK CABLE SCHEME

Fig. 1-4

The following cables may be required (not supplied) depending on the type of device:

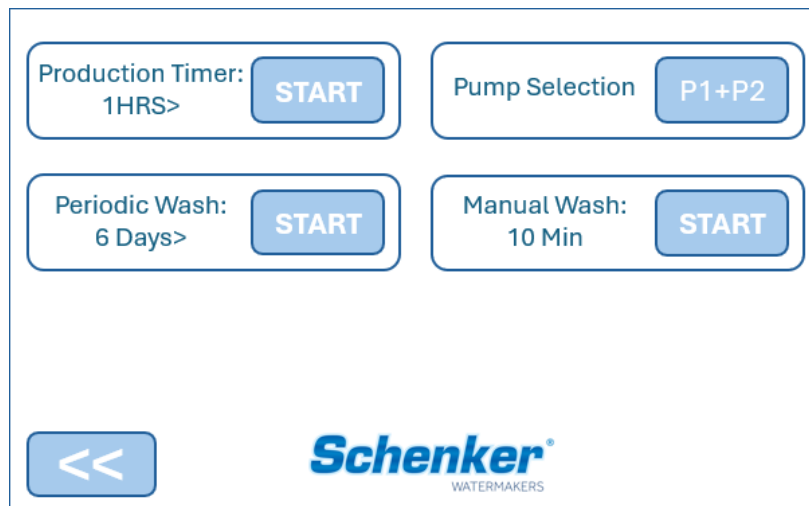
SIMRAD – B&G – LOWRENCE	Cable 000-14552-001 (code NAVICO)
RAYMARINE	Cable A80160 (code RAYMARINE)
GARMIN	Ethernet cable connects directly to MFD

Completed all connections and powered desalination system and MFD, the interface system automatically configures itself according to the model type (this can take up to 5 minutes). Upon completion of the configuration, the Schenker logo will appear on the App menu screen; By clicking it, you will be able to view the following screens:



PAGE 1

Fig. 1-5



PAGE 2

Fig. 1-6

The functions shown on the display are the same as those indicated in the manual of the desalination plant except for changing the type of measurement system. To change it, proceed as follows:

- Press and hold on to the Schenker logo until a window opens asking you to enter a password:
- Enter the code **2609**.

The main menu screen displays the following elements:

- START**, **STOP**, and **FLUSH** buttons at the top.
- Fields for **Salinity**, **PUMP 1** (--- bar), **PUMP 2** (--- bar), and **Production** (--- l/h).
- System STOP** button and **Total Hours: 0 h**.
- Total Liters: 0 l** and **Model: -----**.
- Voltage: --- V**, the **Schenker WATERMAKERS** logo (highlighted with a red circle), and a **>>** button.

- The default measurement system is the international system (indicated on the display with the word **INT**), but it is also possible to set the British imperial system (indicated on the display with the word **UK**) and the US customary system (indicated on the display with the word **US**).
- Select the desired type of measuring system by pressing the word highlighted in red:

The SETUP screen displays the following elements:

- SETUP** title and **Software Rel. 1.00.xx** in the top right.
- Measure Unit:** with the **INT** button highlighted by a red circle.
- <<** and **>>** navigation buttons at the bottom.
- Schenker WATERMAKERS** logo and a **SAVE** button at the bottom.

- Press the **SAVE** button and return to the main menu by pressing the **<<** button.