

System messages

Overview of possible system messages or warning for

Electronic IV

As of software package "20

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Prologue

AB the software package "20" we have readjusted the error messages. The advantage lies in this:

- Less influence on studio operation due to error messages.
- - Less irritation for the user.
- - More detailed information for customer service.

Group	New Code	Meaning	Classification
1	#0100	Temperature limiter exhaust air	Error
2	#0211	Lamp temp. > 70°C	Blind
3	#0301	Additional controller	Warning
4	#0400	Emergency shutdown time	Confirmation

Group 1 → **Error**

These messages interrupt a tanning session as long as their condition is fulfilled. They generate a "neutral" message screen and can be viewed via the info icon as long as they are active. They are recorded in the history and displayed in the service PC

Group 2 → **Blind**

This message is stored and appears in the service PC as long as it is present. It is not displayed in the device.

Group 3 → **Warning**

Messages of this category do not prevent tanning, but they can switch off individual comfort functions as long as they are active. They are only displayed in the device in standby as an info icon. They are recorded in the history and displayed in the service PC.

Group 4 → **Confirmation**

These messages correspond to the category ERROR. However, after the condition has been rectified, they continue to be displayed as info icons until they have been confirmed. A new tanning is also possible without confirmation. They are also included in the history and displayed in the service PC.

Error code	Meaning	Classification
#0100	System message: Exhaust air temperature fuse has been triggered. <ul style="list-style-type: none"> • The temperature fuse on the back of the upper part has tripped. 	Error
#0101	System message: Temperature fuse upper part <ul style="list-style-type: none"> • Defect of the circuit board, or not connected • loose contact • cable break • Overheating of the solarium (supply air filter dirty) • Check bellows and replace if necessary • Problems with the exhaust air 	Error
#0103	System message: Temperature fuse on side panel has tripped. Only for Sunrise 6200 / 7200 <ul style="list-style-type: none"> • Check temperature fuse and reset manually 	Error
#0104	System message: Left door temperature fuse has been triggered. Only for Sunrise 6200 / 7200 <ul style="list-style-type: none"> • Check temperature fuse and reset manually 	Error
#0105	System message: Right door temperature fuse has been triggered. Only for Sunrise 6200 / 7200 <ul style="list-style-type: none"> • Check temperature fuse and reset manually 	Error
#0106	System message: GB high pressure unit fault (OT front) <ul style="list-style-type: none"> • Check safety loop of temperature fuse and filter disc switch of front high pressure unit. • Incorrect fan settings(speed levels) • Automatic fan control not active • Problems with exhaust and supply air 	Error
#0107	System message: GB high pressure unit fault (OT center) <ul style="list-style-type: none"> • Check safety loop of temperature fuse and filter disc switch of front high pressure unit. • Incorrect fan settings(speed levels) • Automatic fan control not active • Problems with exhaust and supply air 	Error

#0108	<p>System message: GB high pressure unit fault (OT rear)</p> <ul style="list-style-type: none"> • Check safety loop of temperature fuse and filter disc switch of front high pressure unit. • Incorrect fan settings(speed levels) • Automatic fan control not active • Problems with exhaust and supply air 	Error
#0109	<p>System message: GB high-pressure unit fault (side panel)</p> <ul style="list-style-type: none"> • Check safety loop of temperature fuse and filter disc switch of front high pressure unit. • Incorrect fan settings(speed levels) • Automatic fan control not active • Problems with exhaust and supply air 	Error
#0122	<p>System message: Safety switch acrylic disk upper part</p> <ul style="list-style-type: none"> • Check the safety loop of the acrylic disc upper part. 	Error
#0124	<p>System message: Safety switch acrylic pane side part.</p> <ul style="list-style-type: none"> • Check safety loop of acrylic pane side part. 	Error
#0126	<p>System message: Safety switch acrylic disk lower part or tank lower part.</p> <ul style="list-style-type: none"> • Check the acrylic disk or the tank/bottom section. 	Error
#0127	<p>System message: Safety switch acrylic disc shoulder tanner.</p> <ul style="list-style-type: none"> • Check safety switch from shoulder tanner housing. 	Error
#0129	<p>System message: Safety switch door service room Only for Sunrise 6200 / 7200!</p> <ul style="list-style-type: none"> • Check service room safety switch. • Check plug on the circuit board 	Error
#0141	<p>System message: Filter disk GB (front upper section)</p> <ul style="list-style-type: none"> • Check the safety switch of the filter disk. 	Error
#0142	<p>System message: Filter disk GB (upper part center)</p> <ul style="list-style-type: none"> • Check the safety switch of the filter disk. 	Error
#0143	<p>Systemmeldung: Filterscheibe GB (Oberteil Hinten)</p> <ul style="list-style-type: none"> • Sicherheitsschalter der Filterscheibe überprüfen. 	Error
#0144	<p>System message: Filter disk GB (upper part rear)</p> <ul style="list-style-type: none"> • Check the safety switch of the filter disk. 	Error
#0199	<p>System message: Wiring or voltage error in the safety chain (implausible error chain).</p> <p>This system message is a logic error, i.e. if voltage is present at a point in the safety loop but should not be due to an open safety switch, for example. (Wiring or circuit error).</p> <ul style="list-style-type: none"> • Connectors or sockets interchanged • Possible error of the circuit board 	Error

#0200	<p>System message: Device pass defect</p> <ul style="list-style-type: none"> • Initialization error • The device passport is defective and must be replaced 	Error
#0201	<p>Deviation of the system time</p> <ul style="list-style-type: none"> • Perform master reset, if this is not successful, the control board is defective. 	Error
#0202	<p>System message Software incompatible</p> <ul style="list-style-type: none"> • Software between main board and watchdog board is not compatible (software too old). • Install intermediate software (save only the software of the watchdog board or the main board on an SD card and use it to update the device. Then install the actual software. 	Error
#0205	<p>System message: Error during software update</p> <ul style="list-style-type: none"> • If an error generally occurs during the software update via the SD card, this system message appears. • Problems with the SD card (card defective, too large or incorrectly formatted). • There are other files on the card besides the software package • Board card reader defective or dirty • The software on the device is too old • After the update, it is mandatory to reboot the solarium - if this is not done, no second update will be allowed 	Error
#0210	<p>System message: Undervoltage</p> <ul style="list-style-type: none"> • If the solarium is switched off during tanning due to under voltage of the phases present, the system message appears in the display (the 24-33Volt control voltage from the transformer must be present). 	Blind
#0211	<p>System message: Exhaust air temperature sensor top</p> <ul style="list-style-type: none"> • This message is displayed when the temperature of the sensor rises above 70°C for more than 3 minutes. • Possible error sources are: • defect of the board, or not connected • loose contact • cable break • Overheating of the solarium (supply air filter dirty) • - Problems with the exhaust air 	Blind








<p>#0212</p>	<p>System message: Supply air temperature sensor</p> <ul style="list-style-type: none"> • This message is displayed when the temperature of the sensor rises above 45°C for more than 3 minutes. • Possible error sources are: • defect of the board, or not connected • loose contact, broken cable • Hot air return flap is open (air is blown into the cabin) • Overheating of the solarium (supply air filter dirty) 	<p>Blind</p>
<p>#0213</p>	<p>System message: Lamp temperature > Room temperature + 30°C</p> <ul style="list-style-type: none"> • This message means that the lamp temperature is greater than the room temperature + 30°C. • Possible sources of error are: • Intake temperature too low • Too strong lamps installed • Overheating of the unit • Problems with the exhaust air 	<p>Blind</p>
<p>#0301</p>	<p>System message: Additional controller</p> <p>The additional controller is defective or the communication to the main controller is interrupted.</p> <ul style="list-style-type: none"> • The additional controller is defective • The control board is defective 	<p>Warning</p>
<p>#0302</p>	<p>System message: Device pass fault</p> <p>Communication from the control board to the device pass board is disturbed.</p> <ul style="list-style-type: none"> • Defective device passport (circuit board) • Missing device pass board • Empty device pass board • Problems with the card slot (dust, holder defective) • Device software too old • Control board defective • Watchdog board defective 	<p>Warning</p>
<p>#0303</p>	<p>System message: Heating controller</p> <p>Control extension has no communication to the bus system.</p> <ul style="list-style-type: none"> • Defective or not connected board • Bus communication faulty 	<p>Warning</p>
<p>#0304</p>	<p>System message: Controller facial tanner fan</p> <p>The controller of the facial tanner fan control board is defective, or the communication to the main controller is interrupted.</p> <ul style="list-style-type: none"> • Defective or not connected board • Bus communication faulty (e.g. due to defective any board). 	<p>Warning</p>
<p>#0305</p>	<p>System message: Fault current measurement board</p> <p>Communication with the current measurement board is interrupted or incorrect.</p> <ul style="list-style-type: none"> • Defective or not connected board. • Bus communication faulty (e.g. due to a defective arbitrary board). 	<p>Warning</p>

#0306	<p>System message: Controller operating unit This message is displayed if the data communication via the device bus to the display unit is faulty.</p> <ul style="list-style-type: none"> • Defective or unplugged circuit board • Cable break • Bus communication faulty (e.g. due to a defective arbitrary board). 	Warning
#0307	<p>System message: Controller audio unit This system message is generally issued in case of problems with the audio controller board.</p> <ul style="list-style-type: none"> • Defect of the audio controller board • - Audio controller is activated in the service PC in the device equipment, although the solarium does not have a shoulder tanner with audio 	Warning
#0308	<p>System message: Fault sensor missing Only with electronic sensor ! This system message is displayed if there is no communication between base station and measuring sensor.</p> <ul style="list-style-type: none"> • Fault of the controller in the sensor or in the station • defect of the base station • loose plug connections in the I²C bus • Voltage supply from bus below 4.8Volt 	Warning
#0309	<p>System message: Remote maintenance</p> <ul style="list-style-type: none"> • Function is active, but no communication to the board • Remote maintenance board defective • Communication to the bus system interrupted. 	Warning
#0310	<p>System message: E.V.A (Ergoline Voice Assistant)</p> <ul style="list-style-type: none"> • The function is active, but no communication to the board • E.V.A board defective. • Communication to bus system interrupted. • Check function of voice control (service pc) 	Warning
#0400	<p>Emergency switch-off time exceeded This system message is displayed if the emergency switch-off time set in the solarium has been exceeded. Note: The time of the studio control/coiner should be set 1 minute shorter than the emergency switch-off time of the solarium!</p>	Confirmation
#0401	<p>System message: Not Stop pressed</p> <ul style="list-style-type: none"> • NOT Stop button was pressed 	Blind

<p>#0410</p>	<p>Fault switch-on cycle main contactor To switch on the relay for the main contactor, the auxiliary and main controllers must have their inputs closed (in series). If there is only one signal from the additional or main controller at the input of the relay for the main contactor, this system message is displayed. main contactor, this system message is displayed. This message is only relevant during the tanning start and can therefore only be displayed during the start process.</p> <ul style="list-style-type: none"> • Defekte I/O-Platine • Defekte Steuerplatine 	<p>Confirmation</p>
<p>#0411</p>	<p>System message: Switch-on monitoring of theUV sources. This system message is displayed if the output voltage of the respective switched contactor/relay is not applied to the watchdog board (all UV sources are thus checked for correct switching).</p> <ul style="list-style-type: none"> • Defect of the watchdog board • Defect of the watchdog board (check outlets to the contactors , 230V to the board) • Defect of the supply line to the relay/contactor • Defect of a relay (normally open contact at K3, K4, K5, K6, K11, K12 or K14) • Defective return line from relay contact to waddle dog board • Defect of contactor K1 • Malfunction of the device bus (e.g. when the relay is polled in the switch-on phase) • One phase of the supply line is missing 	<p>Confirmation</p>
<p>#0412</p>	<p>System message: Error current monitoring LED GB The measured current of one or more LED facial tanners does not match the expected current.</p> <ul style="list-style-type: none"> • Defect of the board current monitoring • Defect of a GB unit. (LED panel) • Values of the GB units in the service pc do not match those of the GB units. 	<p>Confirmation</p>
<p>#0420</p>	<p>System message: Chip card error</p> <ul style="list-style-type: none"> • One or both chip cards are missing (lamp data NFC) • The maximum lamp hours have been reached • Watchdog board empty 	<p>Fehler</p>
<p>#0501</p>	<p>System message: Voice Guide texts not up to date Occurs when the checksum of the texts does not match the nominal value.</p> <ul style="list-style-type: none"> • VoiceGuide version too old • Texts on the card have been manipulated 	<p>Blind</p>

#0502	<p>System message: Missing language in the operating unit 5 languages (English; American-English; French, Spanish and German) are pre-installed in the display unit of the device series. If a language that is not preinstalled is selected during the language update, this system message appears in the display. To resolve the system message, the language text must be uploaded from the SD voice card to the display unit.</p> <ul style="list-style-type: none"> • Language not set. • Micro SD card defective. 	Warning
#0503	<p>System message: Missing speech in audio controller If this system message is output in the display unit, the associated language tracks are missing from the VoiceGuide SD card in the audio unit. In this case, the tracks can only be reloaded or a new card inserted. insert a new card.</p>	Warning
#0601	<p>System message: Aroma counter expired</p> <ul style="list-style-type: none"> • Reset counter 	Warning
#0602	<p>System message: Aquafresh counter expired</p> <ul style="list-style-type: none"> • Reset counter 	Warning
#0701	<p>System message: Condensate tank full The condensate tank of the air conditioner is full. Check the condensate tank or the associated float switch.</p>	Warning
#0710	<p>System message: Body air temperature sensor Only for solariums with Climatronic! If the temperature of the body air sensor is above 75°C for more than 3 minutes, the message is output.</p> <ul style="list-style-type: none"> • Defect of the board, or not connected • loose contact • Cable break 	Blind

Symbols in the display

Display	Meaning
	<ul style="list-style-type: none"> The folder with the graphic files in the selected language is missing on the Micro SD card or is not readable.
	<ul style="list-style-type: none"> Radiator (501h) The symbol can be reset by resetting the hours in the PSM menu
	<ul style="list-style-type: none"> Strahler (501h) Das Symbol kann durch einen Reset der Stunden im PSM Menü zurück gesetzt werden
	<ul style="list-style-type: none"> Shoulder tanner (501h) The symbol can be reset by resetting the hours in the PSM menu
	<ul style="list-style-type: none"> Filter (51h) The symbol can be reset by resetting the hours in the PSM menu
	<ul style="list-style-type: none"> Air conditioner filter (51h) The symbol can be reset by resetting the hours in the PSM menu
 <pre> U23,9 T24,0 BOOT-> 1503899 V 0.08 PROG-> 1508301 V 2.01 ERGOLINE TYPE->034 SIZE->000 LANGUAGE-> de 1 </pre>	<ul style="list-style-type: none"> Air conditioner filter (51h) The symbol can be reset by resetting the hours in the PSM menu