

# Message Types

This is a list of all message types as extracted from the Pax mobile application. The names are identical to what the app calls them.

Name	Description	ID	Era		Pax 3	
			Read	Write	Read	Write
<b>ATTRIBUTE_ACTUAL_TEMPERATURE</b>	Actual temperature of the heater	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ATTRIBUTE_HEATER_SET_POINT</b>	Set temperature of the device's heater	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ATTRIBUTE_BATTERY</b>		3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ATTRIBUTE_USAGE</b>		4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ATTRIBUTE_USAGE_LIMIT</b>		5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ATTRIBUTE_LOCKED</b>	Whether the user interface of the device is locked or not	6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ATTRIBUTE_CHARGE_STATUS</b>		7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ATTRIBUTE_POD_INSERTED</b>		8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ATTRIBUTE_TIME</b>		9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ATTRIBUTE_DEVICE_NAME</b>	Display name of the device	10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ATTRIBUTE_REPLAY</b>		13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ATTRIBUTE_GAME_MODE</b>		15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ATTRIBUTE_HEATER_RANGES</b>		17	□	□	□	□
<b>ATTRIBUTE_LOG_SYNC_REQUEST</b>		18	□	□	□	□
<b>ATTRIBUTE_DYNAMIC_MODE</b>	Current dynamic heater profile	19	□	□	□	□
<b>ATTRIBUTE_COLOR_THEME</b>	Selects a fixed color scheme, or sets the raw RGB values, depending on device.	20	□	□	□	□
<b>ATTRIBUTE_BRIGHTNESS</b>	Brightness of user interface LEDs	21	□	□	□	□
<b>ATTRIBUTE_HAPTIC_MODE</b>		23	□	□	□	□
<b>ATTRIBUTE_SUPPORTED_ATTRIBUTES</b>	Indicates which properties are supported by the device; this is a 64-bit wide bitfield.	24	□	□	□	□
<b>ATTRIBUTE_HEATING_PARAMETERS</b>		25	□	□	□	□
<b>ATTRIBUTE_UI_MODE</b>		27	□	□	□	□
<b>ATTRIBUTE_SHELL_COLOR</b>	Color of the outside of the device (?)	28	□	□	□	□
<b>ATTRIBUTE_LOW_SOC_MODE</b>		30	□	□	□	□
<b>ATTRIBUTE_CURRENT_TARGET_TEMP</b>	Target temperature of the internal heater control loop	31	□	□	□	□
<b>ATTRIBUTE_HEATING_STATE</b>	State of the heater	32	□	□	□	□

<b>ATTRIBUTE_SESSION_CONTROL</b>		36	☐	☐	☐	☐
<b>ATTRIBUTE_HAPTICS</b>	Control over the vibration motor	40	☐	☐	☐	☐
<b>ATTRIBUTE_LOG_REQUEST</b>		41	☐	☐	☐	☐
<b>ATTRIBUTE_POD_DATA</b>		42	☐	☐	☐	☐
<b>ATTRIBUTE_ENCRYPTION_EXCHANGE</b>	Seems to be used by Era Pro to negotiate a session key	49	☐	☐	☐	☐
<b>ATTRIBUTE_ENCRYPTION_PACKET</b>	Seems to be used by Era Pro to negotiate a session key	50	☐	☐	☐	☐
<b>ATTRIBUTE_BLE_DIS_DATA</b>		52	☐	☐	☐	☐
<b>ATTRIBUTE_FIND_MY_PAX</b>		54	☐	☐	☐	☐
<b>ATTRIBUTE_STATUS_UPDATE</b>	Request current values for the given attributes; the payload is a 64-bit bitfield, encoded identically to the supported attributes query.	254	☐	☐	☐	☐

At least the names and IDs are known to be accurate. The descriptions were determined through reverse engineering the code, and the device support was also determined from seeing which packets the device sent at what times.

---

Revision #2

Created 4 October 2021 18:45:02

Updated 5 October 2021 05:23:49