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*
ATTRIBUTE_ACTUAL_TEMP	Actual temperature of the heater	1	✓	✓	✓	✓
ATTRIBUTE_HEATER_SET_POINT	Set temperature of the device's heater	2	✓	✓	✓	✓
ATTRIBUTE_BATTERY		3	✓	✓	✓	✓
ATTRIBUTE_USAGE		4	✓	✓	✓	✓
ATTRIBUTE_USAGE_LIMIT		5	✓	✓	✓	✓
ATTRIBUTE_LOCKED	Whether the user interface of the device is locked or not	6	✓	✓	✓	✓
ATTRIBUTE_CHARGE_STATUS		7	✓	✓	✓	✓
ATTRIBUTE_POD_INSERTED		8	✓	✓	✓	✓
ATTRIBUTE_TIME		9	✓	✓	✓	✓
ATTRIBUTE_DEVICE_NAME	Display name of the device	10	✓	✓	✓	✓
ATTRIBUTE_REPLAY		13	✓	✓	✓	✓
ATTRIBUTE_GAME_MODE		15	✓	✓	✓	✓

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

ATTRIBUTE_SESSION_CONTROL		36	☐	☐	☐	☐
ATTRIBUTE_HAPTICS	Control over the vibration motor	40	☐	☐	☐	☐
ATTRIBUTE_LOG_REQUEST		41	☐	☐	☐	☐
ATTRIBUTE_POD_DATA		42	☐	☐	☐	☐
ATTRIBUTE_ENCRYPTION_EXCHANGE	Seems to be used by Era Pro to negotiate a session key	49	☐	☐	☐	☐
ATTRIBUTE_ENCRYPTION_PACKET	Seems to be used by Era Pro to negotiate a session key	50	☐	☐	☐	☐
ATTRIBUTE_BLE_DIS_DATA		52	☐	☐	☐	☐
ATTRIBUTE_FIND_MY_PAX		54	☐	☐	☐	☐
ATTRIBUTE_STATUS_UPDATE	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.

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