



NIPPON KAIJI KYOKAI

TYPE APPROVAL CERTIFICATE FOR AUTOMATIC DEVICES AND EQUIPMENT

Certificate No. TA25465M

This is to certify that the undernoted product(s) has/have been approved in accordance with the requirements specified in Chapter 1, Part 7 of “Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use” and the relevant Society's Rules.

This certificate is issued to

Manufacturer:	KEI SYSTEM Co., Ltd.
Place of Manufacturing:	2-2-23, Kishinosato, Nishinari-ku, Osaka, 557-0041, Japan
Product description:	TRACKBALL AND KEYBOARD
Model:	TRACKEY-032/01
Approval No.:	09A026
Valid until:	5 October 2029

The details are described in the attached sheet(s).

Issued at Tokyo on 23 June 2025.

S. Oishi
General Manager
Machinery Department

Note: The manufacturer, if desired, is requested to apply to the Society for renewal prior to the expiration date.

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Attached sheet -1/2 to the Certificate No. TA25465M

Specification & documents:

1. Particulars: Power supply: $+5V \pm 20\%$ (USB BUS)

2. Components and reference drawings:

Type of Model : TRACKEY-032/01 (flush type)

TRACKEY-032/01 (desk type)

Drawings : TRACKEY-032/01-101 (for flush type)

TRACKEY-032/01-102 (for desk type)

NK-TRACKEY-501

NK-TRACKEY-502

NK-TRACKEY-503

3. Documentation and Test Reports:

Test report for environmental test (DRAW No. NK-TRACKEY-505)

Flame retardant material declaration

Test report for environmental test (Report No. A-24-130)

- To be continued -

Test items & approval conditions:

1. Test items:

(Applied testing items are marked with X.)

ENVIRONMENTAL TESTS (IACS UR E10 Rev.9 basis)		Mark
External examination		X
Operation test and performance test		X
Electric power supply failure test		X
Power supply fluctuation test	Electric	X
	Pneumatic and Hydraulic	--
Insulation resistance test		--
High voltage test		--
Pressure test (Pneumatic and Hydraulic)		--
Dry heat test (Temperature 70°C × 16 hours)		X
Damp heat test		X
Vibration test (Acceleration ±0.7g)		X
Inclination test		X
Cold test (Temperature 5°C × 2 hours)		X
Salt mist test		--
Electrostatic discharge immunity test		X
Radiated radio frequency immunity test		X
Conducted low frequency immunity test		X
Conducted high frequency immunity test		X
Burst / Fast transient immunity test		X
Surge immunity test		X
Radiated emission test		X
Conducted emission test		X
Flame retardant test		--

2. Approval condition:

The product is not allowed to be installed on open decks.