



TKS-105a-TB38-RF-KGEH

- Folienabgedeckte, kabellose Kurzhubtastatur im robusten Kunststoffgehäuse, mit 38-mm-Trackball und integriertem Funkdecoder
- Ausgezeichnetes taktiles Schaltgefühl durch Kurzhubtasten
- Beste Tastenpositionserkennung durch Tastenrandprägung
- Mehrkanalfähig (über 100 Systeme synchron innerhalb des Übertragungsbereiches nutzbar)
- Hohe Batterielaufzeit durch automatische Standby-Schaltung
- Staub- und spritzwasserdicht nach IP65
- Als PS/2 oder USB-Version verfügbar

TKS-105a-TB38-RF-KGEH

- Foil covered short travel keyboard in rugged plastic housing with 38-mm-trackball and integrated radio-based decoder
- Positive tactile feedback
- Key emboss frame
- Multi-channel capable (more than 100 systems synchronously usable in transmission range)
- Long battery life by means of automatic standby-switching mechanism
- Resistant to dirt, dust and liquid (IP65)
- PS/2 or USB interface available

Technische Daten

Tastenzahl:	105
Schalttechnologie:	Kurzhubtasten
Schaltkraft:	2,6 N
Schaltweg:	0,3 mm
Schaltzyklen:	ca. 3 Mio. (pro Taste)
Schutzgrad (max):	IP65
Bauform:	Kunststoffgehäuse
Gehäusematerial:	ABS
Schnittstellen:	PS/2; USB
Betriebstemperatur:	+10 °C bis +40 °C
Lagertemperatur:	+10 °C bis +40 °C
Abmessungen:	480 x 182 x 44 mm
Gewicht:	ca. 1600 g + 700 g
Trackballdurchmesser:	38 mm
Trackballmaterial:	Phenolharz
Funkfrequenz:	2,4 GHz
Reichweite:	10 m (im Freifeld)

Specification

Number of keys:	105
Keyswitch technology:	short travel keys
Operating force:	2.6 N
Switch travel:	0.3 mm
Switching cycles:	approx. 3 mil. (per key)
Protection level (max):	IP65
Housing design:	plastic housing
Housing material:	ABS
Interfaces:	PS/2; USB
Operating temperature:	+10 °C to +40 °C
Storage temperature:	+10 °C to +40 °C
Dimensions:	480 x 182 x 44 mm
Weight:	ca. 1600 g + 700 g
Ball diameter:	38 mm
Ball material:	phenolic resin
Frequency:	2.4 GHz
Transmission Range:	typ. 10 m

Kat.Nr. / Cat.No.	Produktbezeichnung / Product description	Schutzgrad / Protection level	Abmessungen / Dimensions (mm)
KS15266	TKS-105a-TB38-RF-KGEH-PS/2-DE	IP65 (statisch); IP54 (dynamisch)	480 x 182 x 44
KS15267	TKS-105a-TB38-RF-KGEH-PS/2-US	IP65 (statisch); IP54 (dynamisch)	480 x 182 x 44
KS14025	TKS-105a-TB38-RF-KGEH-USB-DE	IP65 (statisch); IP54 (dynamisch)	480 x 182 x 44
KS14026	TKS-105a-TB38-RF-KGEH-USB-US	IP65 (statisch); IP54 (dynamisch)	480 x 182 x 44

Andere Layouts, Konfigurationen und Schnittstellen auf Anfrage. / Other language versions / interfaces / configurations available on request.

SYNCHRONISATION EMITTER-RECEIVER



For synchronising of both radio modules (emitter and receiver), please push the respective "connect" button. Start with the receiver unit.



All three LEDs of the receiver are blinking in synchronisation mode.



Push the "connect" button on the keyboard. The LED of the button "connect & Low-Bat" is blinking very fast, too.

DATA TRANSMISSION



The range is approx. 10 m at free field.

SERVICE LIFE BATTERY



If the voltage value (charging) of the battery falls below a certain value, the user will be warned by a slow blinking of the LED "connect& Low-Bat" (approx. every 4 seconds). Charging process should be initiated.

After a successful synchronisation the LEDs switch off and the keyboard is ready for use.

	Green	<ul style="list-style-type: none"> The battery is being charged
	Yellow/ Orange	<ul style="list-style-type: none"> Temperature excess or undershooting <10 °C or >50 °C during charging process. The charging process is interrupted until temperature is within the specific parameters again.
	Red	<ul style="list-style-type: none"> Error of charging process
	White	<ul style="list-style-type: none"> Normal operation, battery charger disconnected Battery charging has been terminated successfully

POWER CONSUMPTION KEYBOARD

Power input (max.): 100 mA

Energy saving mode: < 1 mA

After approx. 1 minute without data input the keyboard switches to a so-called "energy saving mode". Reactivation is possible by pushing a button only, not by moving the trackball!

BATTERY CHARGING

An empty battery must be charged for approx. 3 hours.

The temperature range for charging is from +10 °C up to +40 °C.

WARNING

Only use the described battery type and the enclosed battery charger (battery: GP ReCyko GP210AAHCB).

Recommended storage and operating temperature range: +10°C up to +40°C (danger in case of temperature excess or undershooting!) The keyboard might be damaged!