

SEAT BELT TENSIONER

QS-BT1

Dual Channel Belt Tensioner



The QS-BT1 is a multi-purpose, dual-channel, direct-drive seat belt tensioner that raises sim racing immersion with 200 N of force per channel - enough to hold the driver in the seat under hard braking and pull the shoulders through corners.

WHY QS-BT1



Powerful Performance

200N pull force on each shoulder strap



Silent Operation

42-48 dB, quieter than a normal conversation



Dual-Channel

Left and right shoulders feel different forces in a corner



Plug & Play

USB connection, works out of the box with any QS platform

2ch

CHANNELS

200N per channel

FORCE/CHANNEL

480W

RATED POWER

13kg

WEIGHT

WHAT TO EXPECT

RACING EFFECTS

- › Braking G-forces
- › Lateral accelerations
- › High speed cornering
- › Wheel lock & traction loss

FLIGHT EFFECTS

- › Positive & negative G-forces
- › Banking & roll sensation
- › Speed brake deceleration
- › Cannon fire & missile launch feedback

COMPATIBLE WITH

- QS Motion Platforms
- Third-Party Motion Platforms
- Most Aluminum Cockpits
- Standalone Use
- Next Level Racing® Platforms*
- Motion Platform V3®*

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SPECIFICATIONS

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Pulling Force	200 N per channel
Channels	2 independent
Rated Power	480 W
Power Supply	120/230V AC, 1-phase
Interface	USB
Device Weight	13 kg
Max USB Cable	3 m
Noise Level	42-48 dB (whisper quiet)
Vibration Range	0-100 Hz
DIMENSIONS	
Dimensions	561 × 138 × 96 mm
Total Width	138 mm
Total Length	561 mm
Height	96 mm

POWER DRAW	120 V	230 V
Average power	0.11 kVA	0.09 kVA
Peak power	0.2 kVA	0.15 kVA
Average current	1 A	1 A
Peak current	3 A	2 A
Avg power - stress test	0.06 kW	0.04 kW
Avg power - typical game	0.05 kW	0.04 kW

WHAT'S IN THE BOX?

QS-BT1 Belt Tensioner Set

- Main unit (QS-BT1)
- USB cable
- External power supply with cord
- 2x low friction inserts for seat belts

Seat belts, cockpit, bucket seat and Motion-Lock remote switch are not included.

Accessories & Mounting

- Universal mounting adapter for aluminum cockpits
- Motion-Lock jumper + interlink cable
- 2x Belt buckle attachments

QUBIC SYSTEM

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PRODUCT



MANUAL

CONNECT WITH US

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