# SHOTOKU BROADCAST SYSTEMS

# SmartPed Robotic Pedestal



### Smart Move

SmartPed is the perfect combination of costefficiency and performance, creating a fully robotic studio pedestal capable of satisfying the demands of almost any live TV studio production.

The culmination of many years of experience in supplying broadcasters around the world with high performance remote camera systems, SmartPed marks a whole new phase in the technical and operational developments of fully robotic pedestals.

SmartPed addresses the key priorities of programmakers in terms of cost-savings, whilst maintaining high-end performance where it counts: on-air camera movements. All-round, multi-zone, collision avoidance technology, complex key-frame curved movement, full integration with automation and advanced AutoFrame face tracking technology all make SmartPed the most capable robotic pedestal on the market.

Instant switchover to local operation is provided through the pan-bar mounted joystick. Like all Shotoku systems, local operation requires no referencing or re-calibration prior to, or after, use. Switching between local and remote is seamless.

The pedestal uses entirely digital servo systems and all electronics are housed in a central, selfcontained module making service quick and easy. A low-level, controllable LED illumination system gives subtle, yet clear indication of the pedestal operating status (on-air; moving; E-Stop; etc.)



#### **FEATURES**

- Dual safety systems (incl. collision avoidance)
- Seamless local/remote changeover
- High stability on –air operation
- Keyframe Sequences for curved moves.
- 'Orbit' mode for circular set operation
- AutoFrame face tracking mode compatible
- VR option (Local or remote control)
- On-board LCD status and control panel
- High reliability, low maintenance design

#### **APPLICATIONS**

NEWS, SPORTS & CURRENT AFFAIRS VR STUDIOS

## **SPECIFICATIONS**

Payload (Incl. Head)	90kg/198lbs
Height Range	750mm / 29"
Floor Speed	1-200mm/s (0.04" - 8"/s)
Height Speed	1·100mm/s (0.04" · 4"/s)
Navigation	Internal dead-reckoning or exter- nal Absolute (Optical)
Collision Avoidance	Multi-zoned ultrasonic proximity detection
Collision Detect	Multi-zoned pressure-sensitive bump strip
VR Tracking Output	Option. IP data Output
Power	110-240v AC 500W Peak