



TG-18 Pan & Tilt Head with CMC Motion Control Unit.



Advanced Pan & Tilt Head

The TG-18 is the next generation multi-purpose pan and tilt head featuring high accuracy, exceptionally smooth performance and instant changeover to full manual operation.

The new-style TG-18 head is an evolution of the hugely successful first generation TG-18, building on the same advanced servo technology with enhanced styling and modular mechanical construction enabling higher payload and easy maintenance.

The head supports full manual operation, with seamless switching between manual and remote modes. No head movement occurs when switching between modes or when powering on. In manual mode the servo systems are entirely disengaged through the use of clutches, and fluid dampers provides adjustable drag for pan and tilt axes. No AC power is required at the head, only low-voltage DC via a multi-core cable from the Shotoku PDU.

The head is ideally suited to studio applications with mid-weight payloads including prompters and preview monitors.

APPLICATIONS

-  News, Sports & Current Affairs
-  Virtual Studios
-  Parliaments and Legislatures

A larger TG-19 supporting up to 70kg, and offering the same high performance and manual / remote facilities is also available. The TG-19 is ideal for payload configurations using large studio lenses.

Both models can be supplied with self-contained high resolution encoders for use in Virtual Reality applications where real-time, accurate position information is required at all times.

FEATURES

- Smooth & Precise Camera Movements
- Highly Accurate, On-Air Shot Positioning
- Manual Operation with Fluid Drag
- High Payload Capacity
- Compatible with ALL Shotoku Controllers
- Supports Shotoku LEARN Mode
- Optional Integrated VR Tracking

SPECIFICATIONS

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| Payload | 56kg /123lbs (TG-19: 70kg / 154lbs) |
| Tilt Range | ±45° |
| Pan Range | 350° |
| Max Speed | 60°/s |
| Min Speed | 0.01°/s |
| Resolution | 0.002° |
| Repeatability | 0.05° |
| Manual Operation | Fully de-clutched. Variable fluid drag |
| LEARN Mode | Option |
| VR Output | Option |
| Mounting | 4 Bolt Flat Mount |

Specification subject to change without notice