

# TOTAL MOVEMENT COMPLETE CONTROL

PANASONIC ROBOTIC CAMERA SYSTEMS





# TUNING SYSTEM

BY TECNOPOINT



- Broadcast-style movements within cost-effective studio set-ups
- Designed for Panasonic Pro PTZ cameras
- Lightweight, non-intrusive but highly stable design
- Control several systems and cameras from one point via IP
- Easily create sequential movements and adjust in time

Integrating Panasonic professional PTZ cameras and motorised dollies and telescopic columns provided by Tecnopoint, TUNING allows producers and directors to achieve new broadcast-style movements within a cost-effective studio environment.

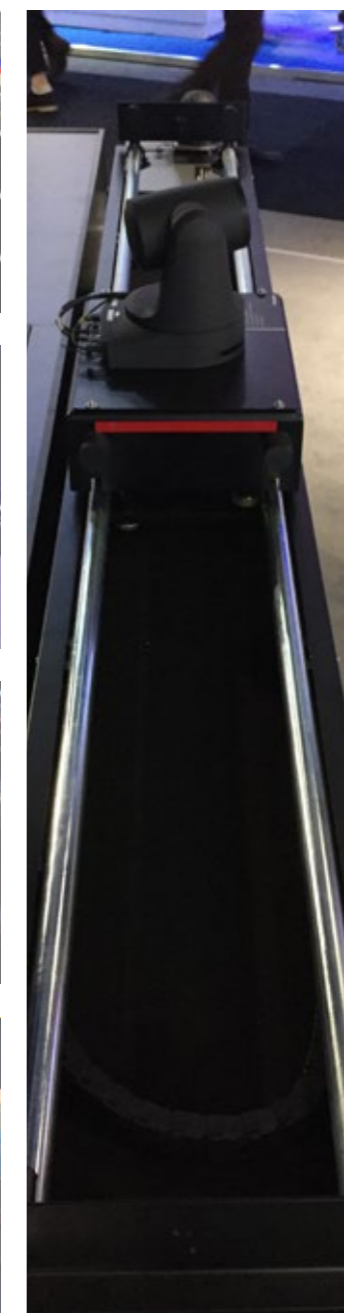
TUNING system goes beyond the basic moves of a simple dolly or jib, and it creates dynamic, super-smooth imagery for live events, TV studios, streaming productions, visual radio, IMAG and any applications that use pre-defined sequences without significant manpower or material resources.

## THE SYSTEM THAT TRAVELS WITH YOU

Thanks to lightweight, non-intrusive design and ceiling-fixture options, TUNING offers the flexibility to work wherever you need it. And because it features ultra-solid, customisable rails, it's stable and robust enough to deliver best-in-class performance in every professional environment.

With more than 20 years' experience in the broadcast market, our partner, Tecnopoint, specialises in robotic systems for TV studios, including floor and ceiling dollies, telescopic cranes and remote heads with pan-bar control.

From its base in Italy, it provides indoor and outdoor camera systems globally, and began working with Panasonic on the development of an encoder system that integrated Panasonic pan/tilt camera into virtual studios.



## WHAT THE SYSTEM INCLUDES

### TUNING S SOFTWARE

Plug-and-play TUNING S software allows you to control up to 10 systems in different configurations – standalone camera, floor dolly, ceiling dolly or telescopic column. It is designed for one-person operation and can be operated from a touch screen display if preferred. Thanks to a user-friendly graphics interface based on thumbnails, keyframes, and icons, operation is easy, secure and can be quickly understood, whether by a seasoned broadcast engineer or even a first-time volunteer. You simply install it on a Windows 10 PC or laptop and take full control of the system.

### TOTEM 80 AND TOTEM 50

The Tuning Totem is a motorised column for a PTZ camera, that is installed on top, adding a vertical axis to the traditional PTZ movement. The Totem can be installed on the floor as well as in the ceiling, and can operate in either ascending or descending direction. Two models are available, with a selectable stroke of 80cm or 50cm in one stage. The Totem 80 can also be used outdoors.

### FLOOR DOLLY WITH FLOOR TRACK

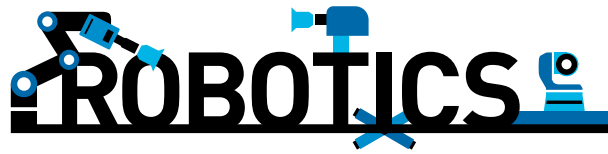
The Tuning Track is a motorised dolly on a straight track up to 20m long. The PTZ camera sits on top of the dolly. The track, which can accommodate more than one dolly, can be customised in shape and length, to fulfil special projects, and can be used indoors or outdoors. A wide version of the dolly and the track can house a Totem 50, providing simultaneous horizontal and vertical movement.

### CEILING DOLLY WITH TOP TRACK

The Tuning Top Track is the ceiling version of the Floor Track. Its features, dimensions and specifications are almost the same as the compact floor version. The main difference is the installation of the cable chain, which runs in the upper part of the mechanism, preventing cable festoons to appear in the images.

### INTEGRATED AR / VR POSITIONING

The latest upgrade of the Tuning system enables the notification of positioning data in real time over the network, based on FreeD protocol. Therefore, in combination with the Panasonic AW-UE150 PTZ and AW-UE100 PTZ cameras, the Tuning motorised dolly and column system is fully compatible with virtual and augmented reality systems, such as Brainstorm, VizRt and Zero Density. The compatibility consists on a both hardware and software upgrades, available as options in the configuration.



# Panasonic

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