

TX7-Robotics



Sony is pleased to introduce this unique optional accessory for the CCU-TX7 TRIAX SYSTEM. The TX7-ROBOTICS SYSTEM, which works in conjunction with the DXC-D30 or DXC-D30WS cameras, allows full control of a Fujinon EPT-5E-10D pan and tilt unit with a compatible motorized lens. From one RCP-TX7 control panel, the user can control zoom and focus, and save up to 16 preset positions with full camera settings. Unlimited presets are possible when used with a software equipped PC.

Main Features

- **Simple one cable installation setup.**

Through one Triax cable, the high quality wideband component video, power and control signals are routed through from the CCU. This provides simple and timely setups for live performances, where time is at a premium.

- **Maximum operating distance is 5,000 ft.**

Triax operation is possible from up to 5,000 ft. away, providing full power and control to the pan and tilt head and the lens zoom and focus functions.

- **DC/AC operation at the CCU.**

Operation from an AC source or from a battery is available without modification or any additional boards or interfaces.

- **Preset memories with scene files with RCP-TX7.**

When the RCP-TX7 control panel is attached to the camera control unit, up to 16 presets are possible. These presets not only include the pan/tilt and lens positions, but the complete camera set-up parameters. This makes the shooting of objects with different lighting conditions possible, without the need to readjust the camera settings manually.

- **Usable with all DXC-D30 series cameras.**

The TX7-Robotics interface is compatible with the DXC-D30 and DXC-D30WS cameras.

- **RS-232C control interface.**

Using the Sony protocol for DSP cameras it is possible to provide full control from a PC. This would allow unlimited presets and files, as well as set-up file sharing with other cameras. In a multi camera environment, the CCUs can be "daisy chained" allowing up/down loading of presets and files.

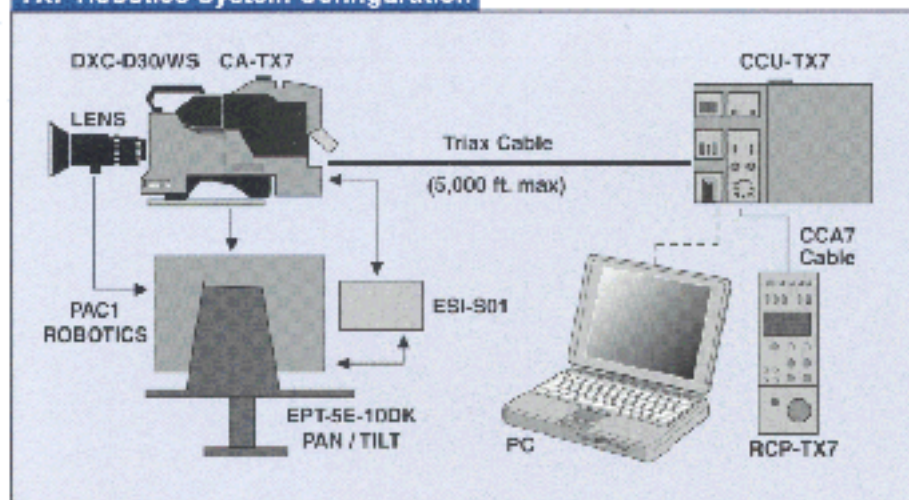
- **Two audio channels**

Two independent audio channels are available at the camera head for audio transmission to the CCU. All this using a single Triax cable.

- **High quality images via component Triax.**

The Triax system uses high quality wideband component signals. This provides key "top notch" image quality at the CCU output. Use of the TX7-Robotics system does not alter or affect camera image quality.

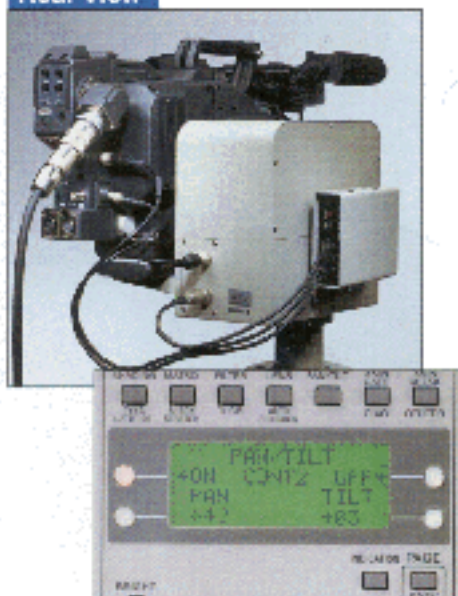
TX7-Robotics System Configuration



The Triax Robotics System is powered from the DC connector on the CA-TX7 camera adapter and control of the camera robotics is through the same Triax cable that is used in normal, non-robotics configurations. Furthermore, the "plug and play" ready to use interface is a built-in feature of the camera and control panel.

For applications such as sports and music events, where quick zooming is a must, this robotics operation is an extremely valuable feature. Additionally, when direct camera operation is not possible due to extreme weather conditions, life threatening situations, or limited man power for multi-camera shots, the Triax Robotics System empowers the shooter to get otherwise unobtainable footage.

Rear View



The RCP-TX7 features an adjustable high quality backlit LCD panel. The Pan/Tilt and Zoom/Focus positions are clearly displayed for operators reference. These values can be stored in a Scene File and associated with all the advanced camera setting such as Gamma and Skin Detail.

The RCP-TX7 is connected to the CCU-TX7 via a CCA-7 cable that can be extended up to 100 ft.

Specifications

System model:	PAC1-Robotics	Interface module:	ESI-S01
Compatible cameras:	Sony DXC-D30 and DXC-D30WS	System Power:	AC 110V or DC 12V
Lens:	2/3" CCD motorized lenses by either Fujinon or Canon	Video/Audio:	Refer to CCU-TX7 brochure for specifications
Focusing:	Remote controlled from RCP-TX7 or PC	Required accessories:	CA-TX7 CCU-TX7 RCP-TX7*
Zoom:	Remote controlled from RCP-TX7 or PC		
Pan/tilt head:	EPT-5E-100K made by Fujinon		

* RCP-TX7 can be replaced by a PC with compatible software.

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