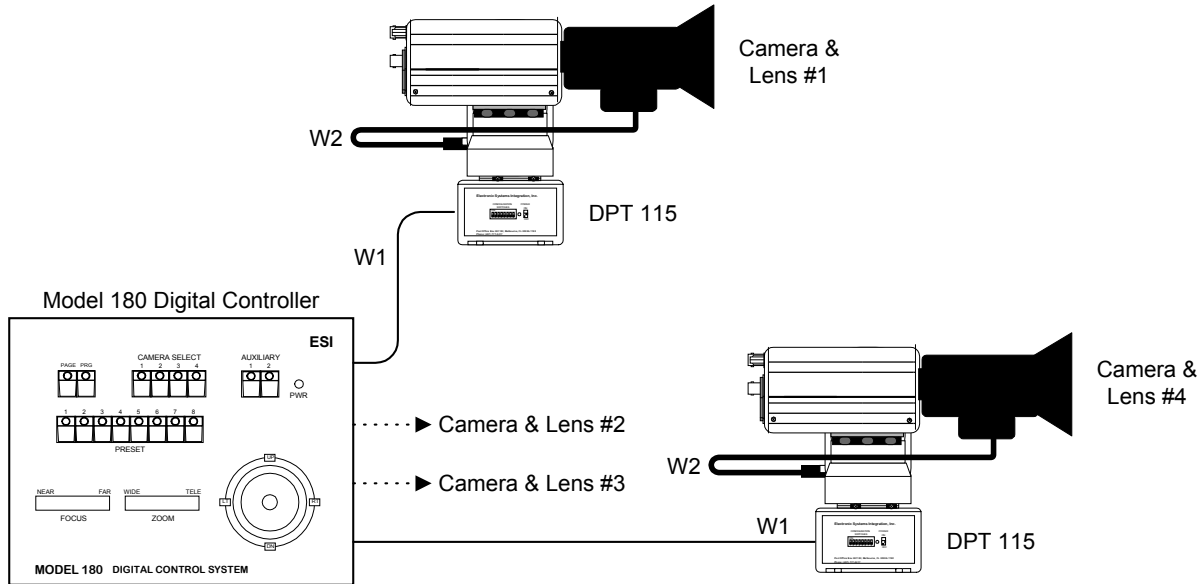


ESI MODEL 180 DIGITAL CONTROL SYSTEM

DESIGNED TO CONTROL THE ESI MODEL DPT 115 PAN & TILT HEAD



Typical Interface between the Model 180 and the DPT 115

SPECIFICATIONS:

Operating Environment: Indoor; contact factory for outdoor requirements

Temperature:..... 40 to 104 degrees F. (0 to 40 degrees C.)

Control Characteristics:

- Power..... Rear rocker switch, with front panel LED indicator
- Pan/Tilt..... Joystick, proportional deflection
- Focus..... Seesaw control, proportional deflection
- Zoom..... Seesaw control, proportional deflection
- Presets..... 16 per camera station
- Number of Stations 4
- Max. distance between controller & p/t head 2000 feet

Physical Characteristics:

- Size (surface mount) 9.75 (W) X 7.25 (D) inches; sloped chassis
- Size (rack mount) 19 (W) X 3.5 (H) X 5.25 (D) inches
- Weight..... 4 Pounds
- Mounting Table top or rack mount

Power Input Requirements:

- Voltage..... +12 VDC
- Current..... 0.3 Amperes
- Wall Mount Power Supply Provided with Controller

Output Connector 4 conductor RJ-11 style

LDCC Connector 15 pin female D connector (see AN101 for details)

Power DC Jack



Electronic Systems Integration, Inc.
 P.O. Box 361182
 Melbourne, FL 32936-1182

Telephone: (321) 956-0095
 Fax : (321) 956-0610
 Website: www.esi-inc.com

ESI MODEL 180 DIGITAL CONTROL SYSTEM

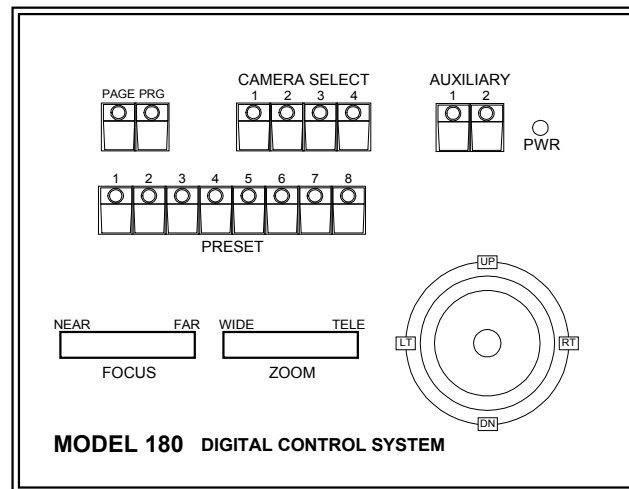
REMOTE PAN & TILT AND LENS CONTROL SYSTEM

The ESI Model 180 Digital Control System is designed to meet the demanding challenges of remote motion control. The Model 180 provides a simple RS-422 interface to the DPT 115 and is ideal for applications such as:

- Teleconferencing
- Distance Learning
- Tele-medicine
- Theater Instrumentation
- Meeting Room Instrumentation

Specific Installations include:

- City Council Chambers
- County Commission Meetings
- Auditoriums
- Classrooms
- Teleconferencing Rooms
- Meeting Rooms
- Boardrooms
- Churches



The Model 180 can provide pan & tilt and lens control for up to 4 remote camera sites. Sixteen presets per camera site may be selected from the Model 180. The digital design of the Model 180 allows custom controls to be included for unique customer requirements. These control functions may be activated via the 2 auxiliary switches located on the Model 180 front panel.

The pan and tilt control is provided by a proportional deflection joystick. Control of the zoom and focus is accomplished with proportional deflection "Seesaw" controls. The proportional controls allow a slow movement when the control is only slightly depressed and a much faster response when the control is more fully depressed.

An externally accessible Setup switch at the rear of the unit allows pan, tilt, and lens control reversal.

The versatile digital interface of the Model 180 to the DPT 115 allows a variety of camera/lens combinations to be controlled by a single Model 180. In addition, Options such as; Iris control or control of more than 4 remote camera sites may easily be implemented.

The Model 180 table top version features a sloped front panel for ready access to all of the Model 180 controls. The unit is also available in a 19 inch rack mount version which only occupies 3.5 inches of vertical rack space.

Four RS-422 connectors are located on the rear of the unit to interface to each of the 4 remote camera sites. A 15 Pin D connector located on the rear of the Model 180 provides the LDCC interface for remote CCU operation. Input power to the Model 180 is provided by a wall mounted power supply which is provided with the unit.



Electronic Systems Integration, Inc.
P.O. Box 361182
Melbourne, FL 32936-1182

Telephone: (321) 956-0095
Fax : (321) 956-0610
Website: www.esi-inc.com