



DIGITAL COMMENTARY SYSTEM

DIGITAL COMMENTARY UNIT (CU)



The AEQ Digital Commentary Unit (CU) is a digital mixer designed for Radio and TV reporting, including all the features necessary to properly cover the remote program situations at big sports events.

For the first time a system like this features a computer remote control and pre-set option, together with an intuitive and simple user interface. The definitive solution for the overall Host Broadcaster engineering and planning.

OPERATION MODES

The thorough design of the CU and the CCU allow them to work data jointly through a single, inexpensive and reliable link at 5,4 Mb/s, forming the complete Digital Commentary System.

The CU can also work as stand alone unit, remotely or locally controlled.

FEATURES:

- Every CU can be used by up to 3 commentators and 1 guest.
- Easy access to commentators remote Studio and Technician talkback circuits.
- Transformer balanced inputs and outputs, with a high degree RF protection.
- Headphone monitoring: the listening circuits allow each commentator to select and mix the Public Address System (PA) International Sound (IS), 2 external lines (AUX and GUIDE) and Program signals, for left or right earphone.
- Micro switch bank for power-up configuration through programmable non-volatile memory
- Programmable Digital Level Processor and high pass filter, remotely controllable mute and level control for each of the four input channels.
- Telephone line connector, for alternative communications: telephone or digital telephone hybrid, or PC via módem for written reports.
- Local or remote auto-switch powering a con cambio automático.
- Compact, shock and water drop resistant desk-top construction.

The Digital Commentary System meets International Broadcast Standards and requirements.

DIGITAL COMMENTARY CONTROL UNIT (CCU)



The Commentary Control Unit (CCU) is the heart of the system, designed to control and monitor up to 10 CU, and provide the required remote powering. The set-up time and pre-setting tasks are radically reduced.

OPERATION

The CCU includes up to 10 Control Modules, one Monitor & Intercom Module and two independent power supplies.

Each Control Module is associated to one CU, controlling the inputs, outputs and routing, using real time digital automation and signal processing concepts, through different sections.

DESIGNED IN SPAIN BY:



CONTROL MODULE SECTIONS:

- Level meter and output selector for Program, oscillator and identification line.
- Digital mixing section for International Sound source, enhanced with programmable Digital Level Processor.
- Routing sections for CUE1, CUE2, Aux and Guide signals to the commentator.
- Control and Configuration for each one of the four CU channels.
- Section for switching and signalling talkback calls with the CU.
- A line identification section for the Program and Coordination circuits.

MONITOR & INTERCOM MODULE

- The monitor unit provides to the operator an easy access to all Program, Coordination and CUE's circuit. It includes a precision VU/Peak meter, Intercom system, listening levels adjustment and headphone connection.
- Fast connection of the Program, Coordination and Telephone Line circuits associated to each module.

AEQ International : C/ Rey Pastor, 40 28914 LEGANES / MADRID (SPAIN) Phone: +34 91 686 13 00 - Fax: +34 91 686 44 92
e-mail: aeqsales@aeq.es - <http://www.aeq.es>

AEQ USA: 4121 SW 47 Avenue, Suite 1303 Fort Lauderdale FL 33314 Phone: 954 - 581 7999 Fax.: 954 - 581 7733
e-mail: sales@aeqbroadcast.com - <http://www.aeqbroadcast.com>