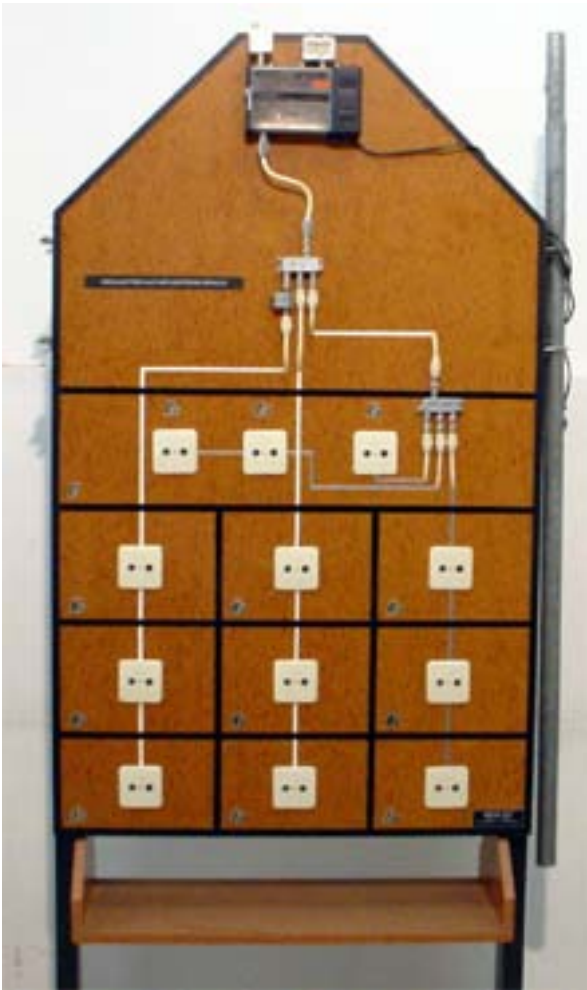


## ART 1-SAT | CENTRAL (TERRESTRIAL & SATELLITE) ANTENNA INSTALLATION TRAINER



### Technical specifications :

The central antenna installation trainer is an ideal system for the hands on training of the students in configuring all possible installations for the reception and distribution of terrestrial and satellite Radio-TV signals via a central antenna installation.

The total dimensions of the trainer are 210H X 95W X 58D cm (including the masts) and provide the ability to measure and control the signal transmission lines, the signal amplifier, the signal loss at the outlets, the splitters and the taps and to insert faults via a number of switches for training the students to trouble shoot such an installation.

The central antenna installation system is developed as a front structure on a wooden surface of 140H x 85W cm which is vertically mounted on a metal base on wheels for the undisturbed intervention of the instructor and of the students during the training procedure. At the back side of the trainer there is a plexi – glass cover to protect all cables and connections.

The trainer consists of :

- a. A central antenna amplifier
- b. Mixers
- c. A splitter
- d. A TAP - OFF BOX
- e. Attenuators
- f. 12 outlets with various loss factors
- g. Cables with various loss factors
- h. VHF - UHF – FM antennas
- i. Two antenna masts
- j. A satellite receiver
- k. An LNB
- l. A satellite dish antenna

The trainer includes the relative to the central antenna installation theory and experiments manual (student's – instructor's) which also includes an analysis of the satellite receiver and instructions on how to tune in to the various satellite programs.