



Overview of the Master Series II Family

System	Application	Data Monitoring	Manual Control	Integration of Station Data & Controllers	Coordination of Multiple Control Systems
ViewMaster	Monitoring of Transmitters	×			
TxMaster	Monitoring & Control of Transmitters	×	×		
StationMaster	Manual Control of a Broadcast Station	×	×	×	
StationMaster Plus	Automatic Control of a Broadcast Station	×	×	×	
BroadMaster	Automatic Control of a Broadcast Station with high level Redundancy Modules	×	×	×	
NetMaster	Coordination of Several Broadcast Stations	×	×	×	×

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Science



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Broadcast

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The Heartbeat of High Power



Master Series II

Advanced Automated Control and Monitoring

ampegon.com



Master Series II

From local monitoring to worldwide networking, the Master Series II line can manage practically anything, from a single transmitter site to an entire global network

The Ampegon Master Series II family merges long experience with the latest technology in a powerful application suite designed to make day-to-day broadcasting more efficient and reliable.

Based on a modular, hierarchical design principle, Master Series II systems avoid a single point of failure and guarantee practically 100 % availability of your broadcast system.

The systems incorporate a multi-layer redundancy approach, including a hot swappable RAID system, and can be configured to provide different levels of functionality for specific demands.

Master Series II is based on an open-end design and can easily be scaled to match evolving requirements.

Each system controls a wide range of station equipment and infrastructure. A built-in GPS system provides for transmission synchronization. The Information status of the system can be sent to remote locations by email, SMS and voice mail message.

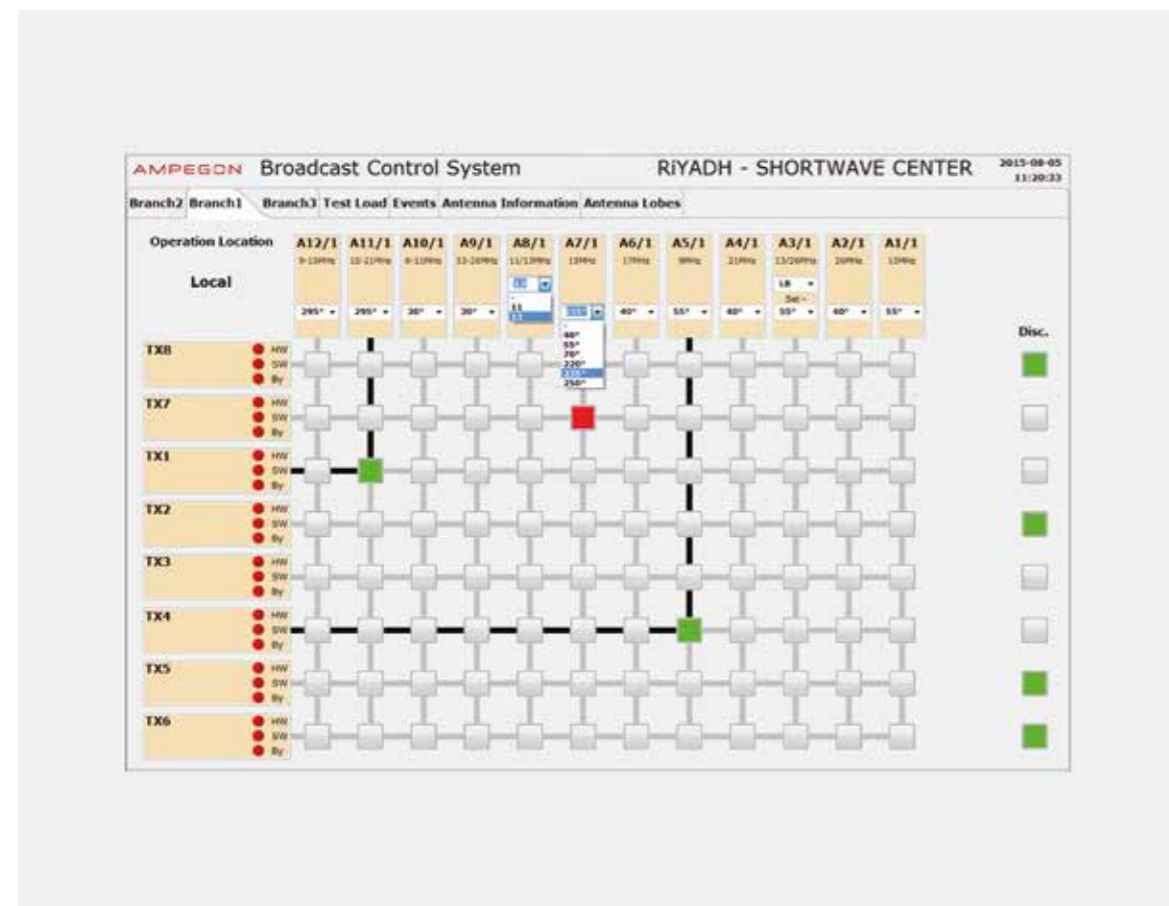
From simple monitoring of one or more transmitters, to the complex job of coordinating and controlling entire broadcast networks, Master Series II can virtually control any number of tasks from anywhere in the world.

Proven Reliability

The first priority in the context of control systems is reliability and availability. Many broadcast stations are running unmanned or with a minimized staff of engineers and operators who intervene only when irregularities occur. Depending on the level of automation, the control system will either support the operators (e.g. by enabling them to control the entire site from one central point), or carry out all repetitive tasks, even automatically replacing faulty equipment in its predefined schedule.

Flexible Access

A special remote control facility informs operators of station operation status via voice mail, SMS and email messages anywhere in the world.



Welcome to the World of Ampegon Control Systems

Content Scheduling for Global Networks

If your infrastructure includes more than one broadcast site, then the Ampegon «NetMaster» is an effective technological solution to streamline your operation. NetMaster simplifies and optimizes content scheduling while reducing costs and increasing availability. Functions include monitoring, coordination, synchronization and supervision of individual schedules.

Optimized Facility Management

The SWAP function allows NetMaster to re-route programs from one station to another, thus ensuring practically 100 % availability and optimized utilization of transmission equipment.

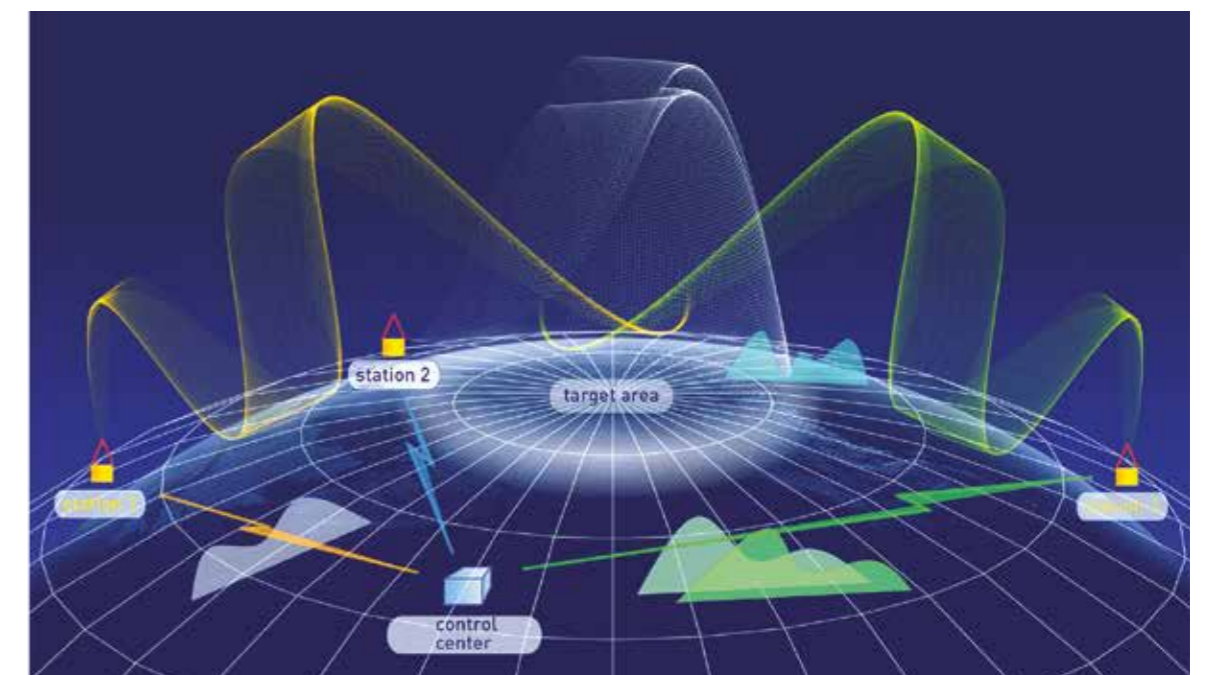
NetMaster calculates the required transmitter output power and locates the station, transmitter and antenna which best fit these requirements.

Environmental Awareness

A special «eco-mode» function provides a highly cost-efficient as well as an environmentally sound broadcast solution.

NetMaster can analyze time of day, sun spot activity and distance to coverage area, dynamically adjusting transmitter power accordingly.

With the broadcast optimizer function, all schedules from an individual site can be reshuffled and allocated to one of the stations with focus on minimising overall costs.



Key Features

- Enhances overall system availability
- Increases operational efficiency
- Improves process and machine up-time
- Reduces overall system life-cycle costs
- Simplifies operator interaction
- Allows unmanned station operation with remote alert notification
- Remote control via SNMP/web-interface
- Flexible access from anywhere in the world
- Integration of any kind of equipment
- Multiple watchdog and hot-standby layers

Service Line Agreement (SLA)

A wide variety of custom service contracts are available and can include:

- Servicing on a yearly basis
- Hardware and software updates
- Remote analysis by web-interface
- Additional, supplementary training for new staff
- Remote support by phone and/or email
- Regular visits on site