

SPORTSCASTER™

SPORTS BROADCAST AUDIO CONTROL SYSTEM

Product Description

SportsCaster is an audio control system for managing the audio portion of a sporting event radio or video broadcast. When used with Henry Engineering's Sports Pods, SportsCaster creates an integrated system that includes all essential audio functions including audio mixing for air or webcast, headphone audio management and distribution, and off-air intercommunication. SportsCaster is a one-box solution that is comprehensive yet intuitive and easy-to-use. By integrating all functions in one device, SportsCaster eliminates the need for multiple mixers, distribution systems, headphone amplifiers, intercoms, power supplies, and complicated wiring.

SportsCaster provides all these essential functions in a compact 1-RU package:

- Talent mic audio mixing
- Talent headphone audio distribution
- Talkback/Intercom Mic facility for Producer
- Duplex intercom between Producer and Talent
- Producer headphone audio mixing
- Headphone mix for Field Reporter and Camera Ops
- Field Reporter Headphone Output
- Duplex intercom between Producer and Field reporter
- Party-line intercom between Producer/Talent/Field reporter
- Camera Operators Headphones Output
- Talkback from Producer to Camera Operators
- Inputs for crowd mic, PA announcer, etc.
- Cue bus to audition auxiliary sources
- Main Program output to air or streaming



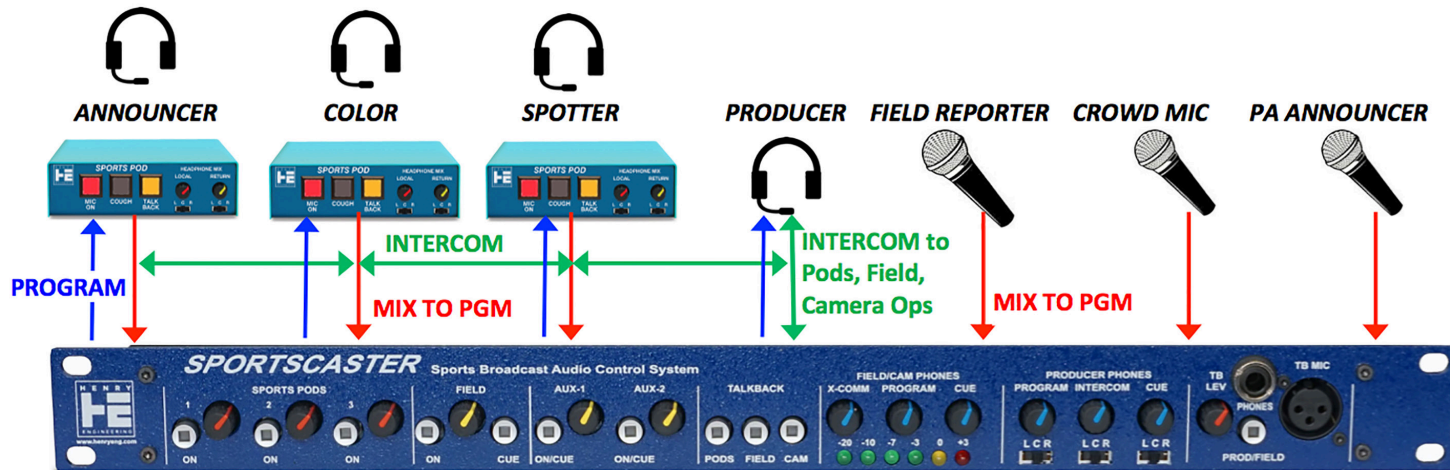
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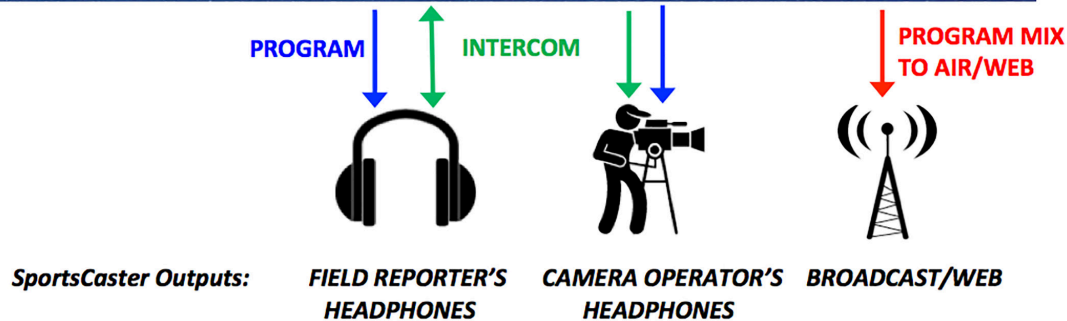
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SportsCaster Typical Installation and Audio Path Diagram

Talent can set headphone mix of Program + Intercom



RED = Program mix to air
BLUE = Headphone audio
GREEN = Intercom audio



SPECIFICATIONS

Inputs:

Sports Pod mics, 3x	Balanced, 0 dBu, 20K
Field	Balanced, 0 dBu (line) or -50 dBu (mic), 20K
Aux-1	Balanced, 0 dBu (line) or -50 dBu (mic), 20K
Aux-2	Balanced, 0 dBu, 20K
Local	Balanced, 0 dBu, 20K
Return	Balanced, 0 dBu, 20K

Outputs:

Program (XLR)	Balanced, +4 dBu, lo-Z
Program (3.5mm-Tip)	Unbalanced, -10 dBu, 5K
Field	Balanced, +4 dBu (line) or -50 dBu (mic), lo-Z
Camera	Balanced, +4 dBu (line) or -50 dBu (mic), lo-Z
Cue (3.5mm-Ring)	Unbalanced, -10 dBu, 5K
Link I/O	Headphone audio and power to Sports Pods
Headphones	24 ohms or higher, stereo

Control:	On/Off control of Sports Pods mics
Power Input:	115 VAC, 50-60 Hz, 12 watts. Can be user set for 230V operation.
Physical:	1-RU, 6" depth, 5 lbs.
Approvals:	CE / ROHS / City of Los Angeles Electrical Test Lab

The broadcast team includes the Producer, play-by-play Announcers, Field Reporter, and Camera Operators. All wear headphones to monitor the broadcast and to hear the Producer's cues via the Intercom.

The Announcers call the game using Sports Pods. A Field Reporter can also be mixed in, as well as a Crowd mic and PA Announcer or other audio source. This Program mix is what the audience hears via air or web.

The Producer uses his Talkback mic to selectively talk to the Announcers, Field Reporter, or Camera Operators, off-air. The Announcers can also use the Intercom to talk to each other, off-air.

There is two-way Intercom between Producer and Announcers, and between Producer and Field Reporter.

The Cross-Comm feature allows three-way Intercom between Producer, Field Reporter, and Announcers, when it's necessary for the Announcers to coordinate directly with the Field Reporter.

One-way Talkback from Producer to Camera Operators allows the Producer to direct the Camera Operators.

Isolated Headphone outputs for the Field Reporter and Camera Operators allow each to hear only what is necessary without distraction.

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