



Firefly SC



Firefly MC



Firefly MZ

Applications

- Command and Control
- Events and Entertainment
- Financial Services
- Healthcare
- Hospitality
- Narrowcasting
- Retail
- Transportation

With the versatile line of Firefly digital media players from Focus Enhancements, distributing content to multiple displays and locations has never been easier. Whether you are looking for an affordable single-channel media player, a reliable multi-channel player, or a powerful multi-zone player, the Firefly line of digital media players from Focus Enhancements has you covered.

Firefly Digital Media Players

Firefly digital media players feature single- to four-channel delivery and support a wide array of graphics formats. All models work with Focus Enhancements' Media Messenger® and DART media management software for convenient scheduling and content distribution and feature a WebView™ browser-based user interface and TCP/IP or serial control. In addition, Firefly digital media players feature SNMP, satellite, and terrestrial multicast support, along with content updating via FTP or HTTP.

Connect Firefly players to your network for efficient control and remotely managed content updates, saving operational time and ensuring that updates occur when and where they are needed, with no local operator intervention.

Firefly players are rugged and stand up to the rigorous challenges of today's most demanding digital media applications. Their compact design also makes them ideal for kiosks, display advertising, and other small-footprint installations.

Models

Firefly SC Digital Media Player

Perfect for delivering single-channel programming to multiple locations, the Firefly SC Digital Media Player enables you to send one standard-definition MPEG-1 or MPEG-2 stream to a display. This versatile unit supports a wide range of graphics formats and provides content updating via automated FTP, HTTP, or multicast.

Firefly MC Multi-Channel Digital Media Player

With scheduled content delivery on up to four channels, the Firefly MC Multi-Channel Digital Media Player is an extremely versatile player. The integrated SmartCard reader provides enhanced security and makes it easy to add options such as Dolby Digital™ downmixed audio and genlocked external AV input. Content updating is available via automated FTP, HTTP, CD/DVD, or multicast.

Firefly MZ Multi-Zone Digital Media Player

Specifically designed for professional video applications, the Firefly MZ Multi-Zone Digital Media Player includes technology that enables you to designate zones within a display screen and show different content in each zone. Display high-resolution graphics, video, and scrolling messages—simultaneously. Update via FTP, HTTP, or multicast.

Support

When you purchase digital signage solutions from Focus Enhancements, you not only receive reliable products that deliver superior performance every day, you also receive unconditional service and support from a team of seasoned video professionals. All products are backed by comprehensive warranties and optional support contracts that cover installation, training, 24/7 phone support, and priority parts replacement.

Consultation

With extensive experience in designing, configuring, and integrating digital signage solutions for leading organizations around the world, the Focus team can help you select the right products for your needs. If you have special requirements, solution consultation and custom configuration services are available.

Technical Specifications

HARDWARE	Firefly SC	Firefly MC	Firefly MZ
Video Decoding	MPEG-1 ISO 11172; MPEG-2 ISO 13818-2; 4:2:0 program streams (video + audio); NTSC/PAL transcoding; constant or variable bit rate decoding; 12 Mb/s maximum bit rate; 4:3 or true 16:9 aspect ratio (content dependent); different MPEG formats may be mixed; external A/V input (composite; MC only) with genlocked A/V switch (optional; MC only)		
Multi-Zone Output	—	—	DVI, Composite, S-Video RGB
Output	Component, S-video, DVI - I (MZ only), composite and RGB (MZ only) via female BNC connectors		
Graphics	8-bit or 16-bit (MZ only) graphic overlay with adjustable transparency and fade transitions; (BMP, JPG, GIF, TIF, TGA, PNG, Animated GIF) Adjustable screen position; 16-bit transparency blending; 256 levels; multi-zone regions (MZ only)		
Network	10/100 Mb/s Ethernet via RJ-45: IP addressing Static or DHCP; Kencast™ and Skystream multicast		
Serial and Ethernet Control	AMX, Leightronix, and Crestron		
Internal Storage	120GB internal hard disk (44 hours of video)		
Audio Decoding	MPEG Layer II Stereo; Dolby Digital 5.1 mixed to 2 analog channels (stereo PCM) (optional; MC only)		
Output	Unbalanced stereo via Phoenix (AWG 28-22 wire); Stereo or Dolby Digital via SPDIF	Analog: Balanced stereo via Phoenix terminals; Digital: Stereo or Dolby Digital via BNC connectors	Unbalanced stereo via Phoenix (AWG 28-22 wire); Stereo or Dolby Digital via SPDIF
Software	WebView: HTML-based setup, monitor, and control interface; requires Internet Explorer 5.5 or higher (included) Media Messenger Remote Media Management Software: For managing and distributing media via FTP or HTTP to single or multiple Firefly servers (included with MZ; optional for SC and MC) DART Enterprise Media Management Software: For developing and managing a large-scale, in-store digital media network (optional)		
Physical	4.45 cm (1.75") high (1RU) x 25.4 cm (10") wide x 20.1 cm (8.25") deep	4.45 cm (1.75") high (1RU) x 43 cm (17") wide x 41 cm (16") deep	4.45 cm (1.75") high (1RU) x 25.4 cm (10") wide x 20.1 cm (8.25") deep
Weight	Approximately 1.81 kg (3.5 lbs.)	Approximately 5.5 kg (12 lbs.)	Approximately 1.81 kg (3.5 lbs.)
Power	Supply in: 100–240V AC, 50/60 Hz, 37 watts average; Supply out: 12V DC, 18 watts average	90–240V AC, 50/60 Hz, approximately 60 watts	Supply in: 100–240V AC, 50/60 Hz, 37 watts average; Supply out: 12V DC, 18 watts average
Temperature	0°–40° Celsius continuous operation; (0°–45° C short term)		
Certification	FCC: Part 15 Class A; CE		