

C Y R E
CYREX NETWORKS



HFX-800M Color Hands Free Expandable System

2 Wires (CAT5) | Video Memory Recording | Expandable Up To 4 Monitors and 2 Cameras





The Cyrex Hands-Free Video Intercom System brings innovative technology direct to your home or business. This video intercom is not only convenient to use, but more importantly, provides an additional measure of security for your family. For residential or commercial applications where access control is a concern, the system safeguards your entrance while remaining user-friendly. Cyrex intercoms offer peace of mind because users can safely identify visitors before answering the door. Simply by ringing the doorbell, the system transmits live audio and video directly to the monitor.

Safety

Without leaving the safety of your home or office, this device allows you to answer the door or initiate a live viewing of your entrance for suspicious activities from any video monitor on the system – even when the doorbell is not activated externally.

Convenience

Answering the door is now easier than ever. The Cyrex HFX color series intercom is expandable up to a total of 4 monitors and 2 doorbells. Monitors and door bells may be installed at different locations of the house according to individual preference. Any monitor on the system has the ability to communicate with the door bell and is equipped with a door release button to remotely unlock a door or release a gate. (MHF250 B/W model is non-expandable, one door bell and one monitor only)

Video Recording

As a leader in video intercoms, Cyrex is the first in the industry to offer a revolutionary video recording feature on our HFX color series. Instead of taking snapshots, the system will now record full motion video and audio when the door bell is activated. The video recording is a safety feature that lets you know who was at the door, even when you are not home. The video clip is stored on a Secure Digital (SD) card that can be retrieved and archived onto any PC or MAC. The MHF B/W version will continue to offer the built-in 32 snapshot images with date and time stamp (SD card not included).

Special Features

- Simple 2 wire installation (CAT5 to 18AWG)
 - Full motion video / audio recording *
 - Expandable up to 4 monitors and 2 cameras *
 - 4" flat CRT or LCD monitor *
 - Color day and night CCD chipset *
 - Weatherproof plastic door bell camera housing
 - Built-in LED illumination for night viewing
 - 1/3" B/W or Color CCD camera *
 - Remote door release
 - Illuminated buttons on monitor and doorbell
 - Adjustable speaker volume and chime volume
 - 92 degrees view angle
 - Please refer to matrix diagram for more details
- * MHF-250 B/W model is non-expandable (1 Monitor and 1 Door Bell only)
- * HFX-800M Color model is expandable up to a total of 4 monitors and 2 door bells



Offering safety, convenience and peace of mind to you and your loved ones

Fusion of Form and Function

The streamlined design of the hands-free intercom system is not only easy to use, but is also a stylish addition to any home or business.

Easy Installation

The simple two-wire connection between the doorbell and video monitor makes this system easy to install. Existing wires from the old door chime may be used for retrofits; new homes can use wires ranging from CAT5 up to 18AWG.

Night Viewing / Day and Night

Cyrex Color Video Intercom Systems are the first in the industry to be equipped with a day and night camera in addition with IR LED.

The doorbell camera operates in color during daylight and automatically switches to black and white in low lighting conditions. The built-in infrared LED provides supplemental lighting to enhance night viewing. In addition, the doorbell is designed to be weatherproof – withstanding various outdoor conditions.



Video Recording Function *

* HFX Color series supports full motion video recording. Video recordings are stored in Secure Digital (SD) Card that can be retrieved and archived onto any PC or MAC. The MHF B/W series offers built-in 32 snapshot images with date and time stamp. SD card not included

Model	Color	B/W	Expansion Monitor	Expansion Camera	Built-in Memory	Day & Night Chipset	IR LED	Door Release
MHF-250		✓	N/A	N/A	32 Still Images	N/A	✓	✓
HFX-800M	✓		3	1	Full Motion Video	✓	✓	✓



HFX-800M Color Hands Free Master System

Power Source 24DC 600mA (power supply included)
Audio Bi - Directional
Communication 30 seconds (unanswered)
 90 seconds (answered)
Display 4" Color TFT LCD
Resolution 330 TV Lines
Door Bell Camera Color 1/3" 3.6mm Day & Night CCD chipset
 92° view angle
 Weatherproof plastic housing | IR LED
 Illuminated call button

Picture Memory Full motion audio/video recording with Date and Time Stamped on SD card (HFX-800 color series only). SD card not included
Wiring Two-wire (CAT 5 to 18AWG) 300 ft max
Monitor Controls Brightness | Sharpness
 Speaker Volume | Chime Volume
Size – Monitor 6.6" W x 8" H x 2.1" D
Size – Camera 3.9" W x 5.3" H x 1.4" D
Installation Wall Mount
Door Release 12VDC 300mA output or N.O. Dry Contact



EX-800H Color Hands Free Expansion Monitor

Power Source 24DC 600mA (power supply included)
Audio Bi - Directional
Communication 30 seconds (unanswered)
 90 seconds (answered)
Display 4" Color TFT LCD
Resolution 330 TV Lines
Picture Memory Video recording stored and viewed on master monitor

Wiring Two-wire (CAT 5 to 18AWG)
Monitor Controls Brightness | Sharpness
 Speaker Volume | Chime Volume
Size – Monitor 6.6" W x 8" H x 2.1" D
Installation Wall Mount
Door Release Door release button



EX-800D Color Hands Free Expansion Door Bell

Power Source From monitor
Audio Bi - Directional
Communication 30 seconds (unanswered)
 90 seconds (answered)
CCD Color 1/3" 3.6mm Day & Night CCD chipset with IR LED,
 Viewing angle 92°
Wiring Two-wire (CAT 5 to 18AWG)

Call Button Illuminated
Housing Weatherproof plastic
Door Release Door release connection with selectable
 12V DC output or NO Dry Contact
Size – Camera 3.9" W x 5.3" H x 1.4" D
Installation Wall Mount
Door Release Electric strike connection (Selectable
 12VDC output or N.O. Dry Contact)



MHF-250 B/W Hands Free Master System

Power Source 24DC 600mA (power supply included)
Audio Bi - Directional
Communication 30 seconds (unanswered)
 90 seconds (answered)
Display 4" Flat Type B/W CRT
Resolution 420 TV Lines
Camera B/W 1/3" CCD, 3.6mm | 92° view angle
 Weatherproof plastic housing
 IR LED | Illuminated call button

Picture Memory Built-in 32 still picture – Date & Time Stamp
Wiring Two-wire (CAT 5 to 18AWG) 300 ft max
Monitor Controls Brightness | Sharpness
 Speaker Volume | Chime Volume
Size – Monitor 6.6" W x 8" H x 2.1" D
Size – Camera 3.9" W x 5.3" H x 1.4" D
Installation Wall Mount
Door Release Dry Contact Terminals on Monitor
Door Status N.O. Dry Contact Terminals on Monitor

Accessory

CDSK Desk Mount Stand for All Monitors



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