



HANDY INFORMATION FOR YOUR STAY AT THE MARATHON COACH SERVICE DEPARTMENT

High-Definition Flat Screen TVs

There Really is a Difference



Marathon Coach is continually searching for the latest and best technology for our new coaches. This technology is also available for upgrades to existing coaches. High-definition LCD flat screens offer a crystal clear picture with more colors and more depth. Give us a call today to discuss replacing your glass TVs with the finest in high-definition LCD TVs.

High Definition Explained Inside

**What You Need to Get
HD Quality from Your System**



IMPORTANT PHONE NUMBERS

Service Department: **800-365-0156**

Corporate: 800-234-9991

HOURS

7am - 4pm

Visit Us Online at: www.marathoncoach.com

SERVICE DEPARTMENT



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Glass CRT TV to High-Definition LCD Flat-Screen TV Remodel

Change out your bulky glass tube TV for a new high-definition flat screen TV. Capable of Full HD 1080p resolution and an elegant new thinner design, the newest LCD flat-screens produce breathtaking picture quality that is second to none. Package the LCD TV with the correct cabling and an HD source like a Blu-Ray player to enjoy the full potential of the High-Definition experience. Additionally, some TVs when combined with a matching disc player offer 3D viewing right in your own coach.

Some coaches may require additional wiring and other options to take full advantage of the LCD TVs HD resolution.



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480i (CRT glass tube TV)

(HD) High-Definition Video

There are three common digital formats in HD technologies:

- **720p**
- **1080i**
- **1080p (or full HD)**

The numbers represent the number of horizontal lines on the TV screen. The “p” refers to *progressive scanning* and

the “i” refers to *interlaced scanning*. A *progressive* signal displayed on a compatible TV presents fast moving images better than an *interlaced* signal does.

A visual analogy of a **720p** image would be a sheet of graph paper with about **one million squares** (or pixels) on

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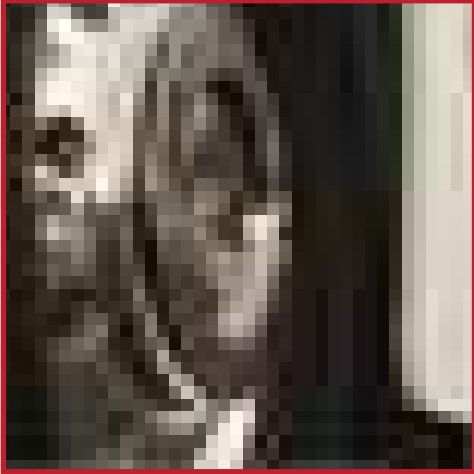
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720p (HD)



1080p (full HD)

it. A **1080p** image would have roughly **two million squares**.

Glass tube CRT (Cathode Ray Tube) televisions that most people grew up with have a display resolution of **480i**, meaning it is capable of displaying 480 interlaced lines of horizontal resolution.

Currently, the only source of a 1080p

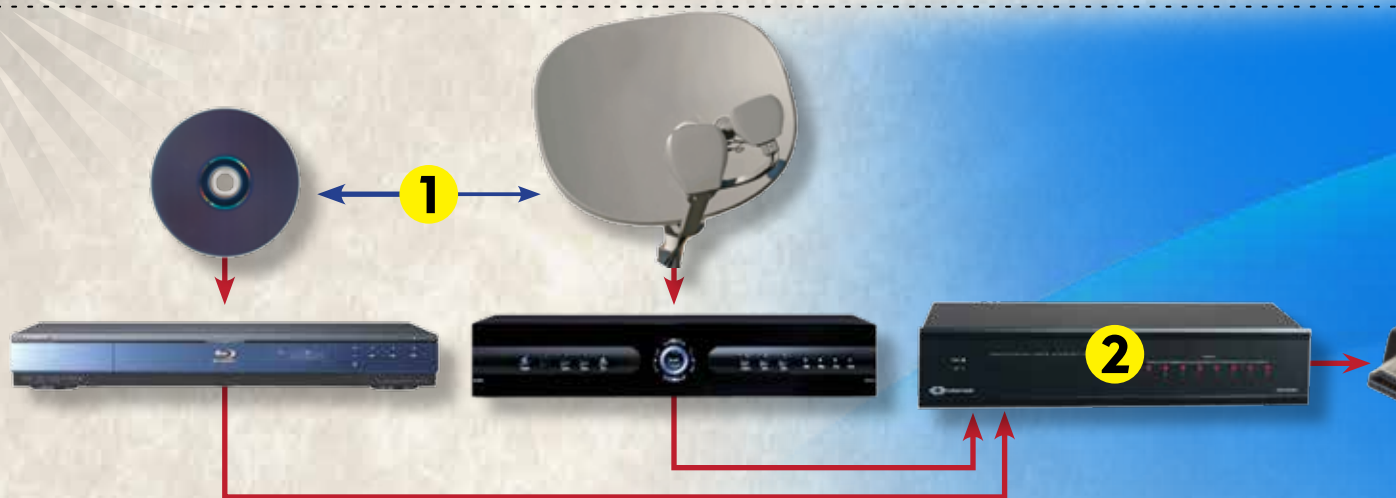
signal is through a high-definition (HD) video disc player, such as a Blue-ray or a next-generation game system.

A majority of HD broadcasts are in **1080i** with the rest in **720p**.

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What You Need to Get HD Quality

The basic parts of HD include:

1. An HD source (like a Blu-Ray player, or satellite receiver)
2. An HD switching device (The switching device is needed IF you have multiple HD sources and/or multiple HD TVs and you want them all to interact)
3. HDMI cabling
4. An HD TV

1. An HD source. A Blue-ray Disc player provides the highest resolution at 1080p (opposed to a regular DVD that has a resolution of 480i). A stationary satellite

works with DirecTv and Dish Network to bring in video at 720p HD and 1080i HD (not as high as the Blue-ray Disc, but still good HD). Other HD sources such as a gaming system or hard drive device like a TiVo are also available.

2. A Switching device. To get multiple HD sources to transmit to multiple HD TVs, and then control everything from one remote, requires a device to control and distribute the signals, called a switching device. HD switching devices such as a Crestron unit, make your entertainment system much more convenient to operate. But, if you don't have an HD switcher, or HDMI cabling throughout your coach, then this is where the bulk of your remodel

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expense will come from.

The other option is to forgo the convenience of the switcher and wire the HD sources directly to the HD TV. You can still use your Crestron controls to operate it, but you will need one dedicated Blu-Ray player, and other HD sources, per HD TV.

3. Wiring. Not all older generation wiring will transmit HD information, therefore It is possible to have a Blue-ray Disc player and an HD TV and still not get an HD picture because of older generation wiring. HDMI cabling is needed for full HD resolution.

4. An HD TV. If your coach currently has CRT TVs (glass tube TVs) they

will need to be replaced with new high-definition LCD flat screen TVs. The older CRT monitors can only produce a resolution of 480i no matter how high a resolution you throw at it. The new high-definition LCD TVs with LED backlighting, however, can produce the ultimate in HD resolution at 1080p. More resolution, more colors, more contrast; more is better.

Give the Marathon service team a call to evaluate what technology is in your coach vs. what you want, and they will be happy to give you a quote.

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The Marathon Coach Service Department Also Installs:

Blu-ray Disc Players

Stationary Satellite Receivers

Video Gaming Systems

iPod Dock for Audio

Surround Sound Upgrades

Digital Over-the-Air Tuners

Kenwood GPS Systems

Optional Bay Remotes

SERVICE DEPARTMENT



MARATHON COACH FLORIDA

Service Department: **800-437-8295**

Local Number: 352-588-4500

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