![Samsung logo] **SAMSUNG**

SAMSUNG
Home Audio & Video

Home Theater System / Mini, Micro Component / Blu-ray Home Theater System / DVD Player

www.samsung.com

SAMSUNG

1. Blu-ray all in one Home Theater Solution

imagine inspirational Blu-ray entertainment

Introducing HT-BD2 from Samsung, the world's first Home Theater System with Blu-ray technology.
One small step enables you to create the definitive home theater environment, enjoy spectacular Full HD 1080p images, and access 7.1 channels of superb HD surround sound. Samsung's superior style and innovative interface enhancements allow you to take that one step into entertainment perfection with confidence.

HT-BD2
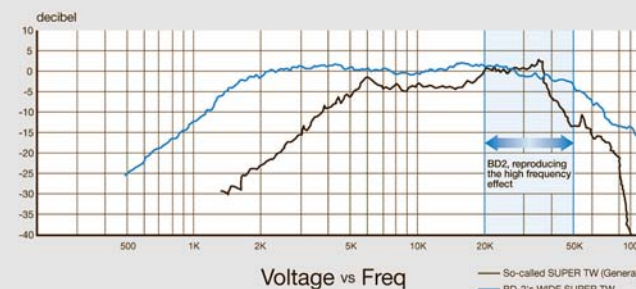
Blu-ray Home Theater System

AV Receiver

Wide Range Response Amp /Speaker Technology

Speaker Technology Development
- Broadband response Super Tweeter
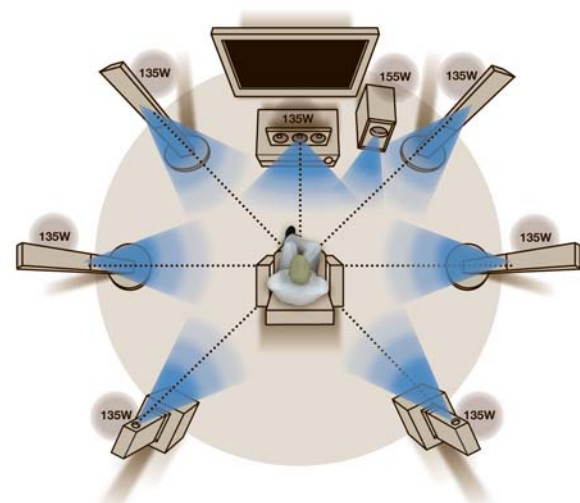- Broadband tuning technology (Frequency Band 4khz ~50khz)

Amp Technology Development
- Broadband response passive Low Pass Filter part
- Noise block and heat protection response design technology
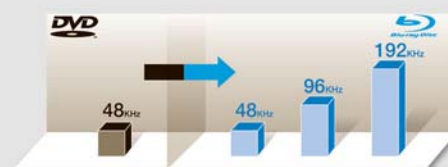 (Expansion of sound orientation / strength / field realized)

decibel

BD2, reproducing the high frequency effect

Voltage vs **Freq**

— So-called SUPER TW (General)
— BD-2's WIDE SUPER TW

2. 7.1-CH Surround Experience

7.1-CH 1100W High Power Output
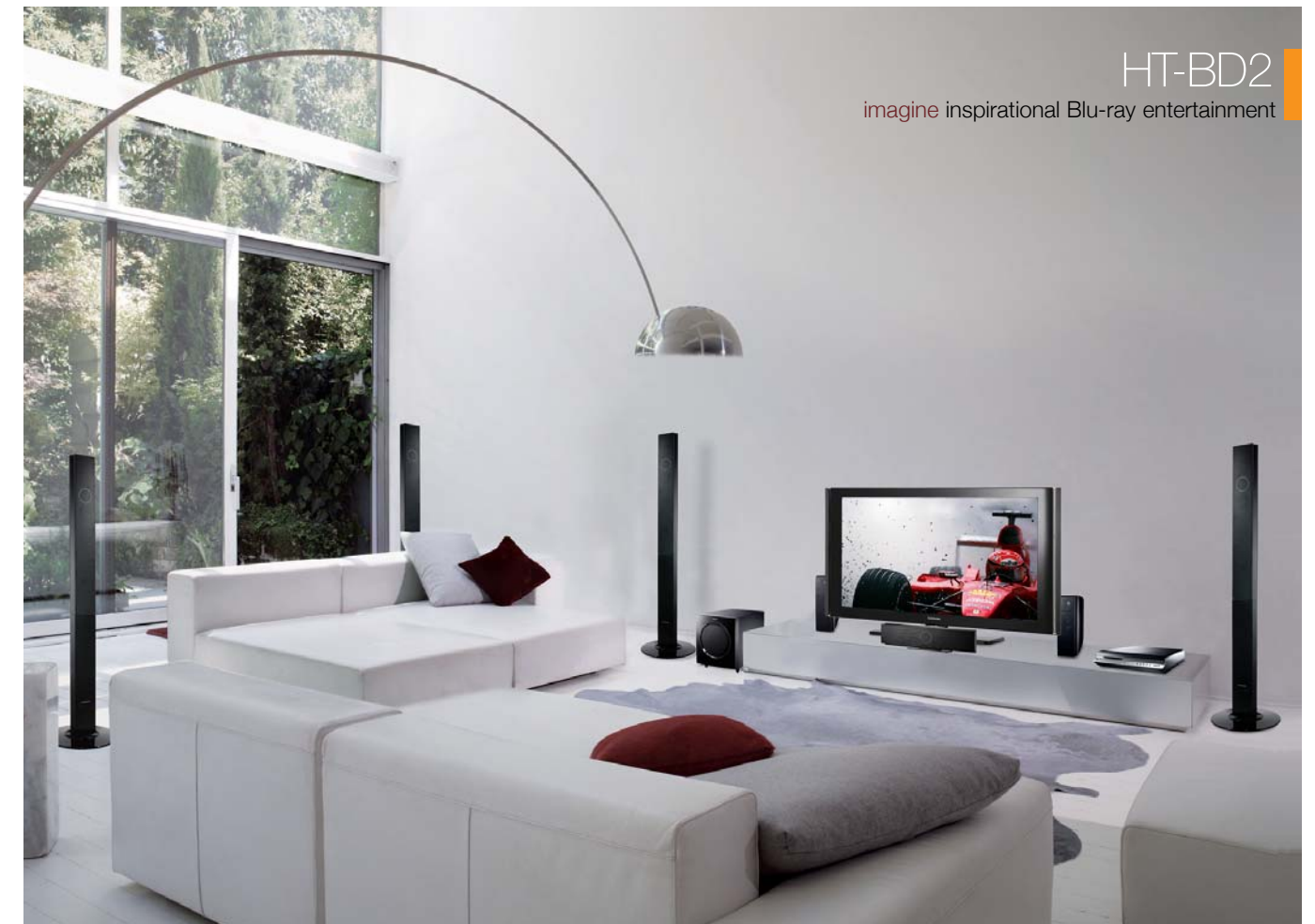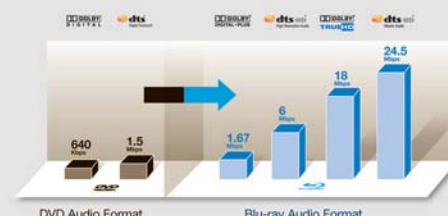
155W   135W   135W

135W   135W

135W   135W

1. Higher Audio Sampling Frequency

New Audio formats Have a higher sampling frequency to generate closer to original audio sources.

DVD

48KHz   48KHz   96KHz   192KHz

2. Higher Audio Bit Rate

New Audio formats deliver more abundant data than legacy audio format, More vivid and clear audio experience is possible.

640   1.5   1.67   6   18   24.5

DVD Audio Format   Blu-ray Audio Format

HT-BD2

imagine inspirational Blu-ray entertainment

HT-BD2

>> 1100W Power Output
>> Blu-Ray / DVD / CD Playback
>> HDMI-CES (Anynet+)
>> USB Host
>> Digital (Optical) in

Full HD Up-Scaling   Anynet+

Sound so natural it will move you

This New Samsung home theater line represents the pinnacle of power and performance for integrated home theater systems. With 5.1-channel surround sound that can fill your living room with powerful output watts of crystal-clear audio thanks to our proprietary DNSe - Digital Natural Sound engine. During initial setup, DNSe analyzes room acoustics to calibrate the equalization, tone, and volume of each speaker for optimal surround sound performance. In addition to high-end 5.1-channel Dolby Digital® and DTS surround decoding, DNSe offers a number of enhanced features. One of these is Audio Up-scaling- which allows Compressed MP3 files to sound like CD quality, and CD quality to sound as good as DVD-Audio quality using bit expansion and spectral reinforcement solutions technology. Also Smart Volume- normalizes volumes between various channels to a user specified level, thus eliminating the big volume differences between Sports, Drama and Commercial broadcasts, and the differences between quiet dialogue scenes and loud car chase action sequences.

With the HT-X810 and HT-X715 you get the capability of Bluetooth technology- which allows you to enjoy your favorite music from any Bluetooth compatible device such as Mobile Phones, MP3 players, PDA and Notebook-PC's to your HiFi Samsung Home theater system. Bluetooth allows easy convenient listening via wireless signals, eliminating the need and confusion of messy wires that scatter and clutter up your room.

Design so Pure

For the past three years, Samsung home theater systems have dominated the competition with sophisticated design that makes a statement in any living room. The entire line is finished in a luxurious black lacquer that perfectly complements HDTV's from Samsung and other major makers, as well as your home. Endowed with powerful output watts of pristine digital sound that rivals more expensive component systems, and elegant styling that's a perfect match for today's Samsung HDTV's, the HT-X810, HT-X715, HT-XA100 will bring a stunning audio and visual experience to your living room and make listening to nature possible without disrupting it visually.

HT-XA100   HT-X715

The New Samsung line of Home Theater Systems is a complete entertainment package for all of your sights, sounds and senses. To find out more about any of these Samsung Home Theater products, please visit : www.samsung.com
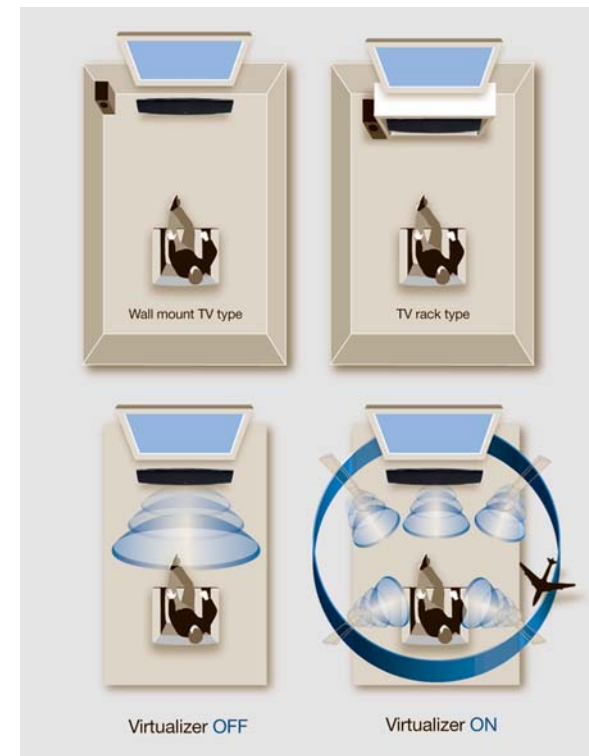
1. Wall-mount Home Theater

1. Proposing simple and neat AV environment without wires

- All on the Wall (TV and Home Theater) with wireless sub woofer
>> Imagine nothing on the floor when you see TV
- Sound Bar Home theater is also well matching with TV Stand environment
>> Imagine nothing on the floor when you see TV
- Wireless Sub Woofer completes simple and neat AV environment (5.8 GHz)
- Width is matched to 40" TV

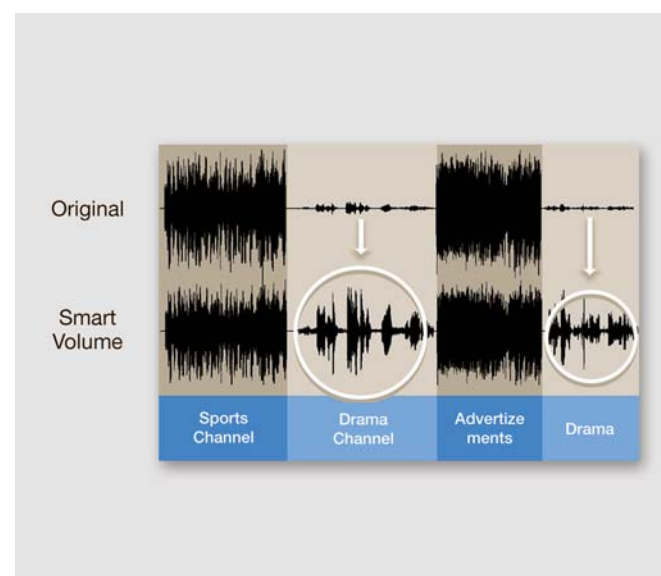### 2. Virtual 5.1 Channel Surround Sound

- Pinpoint Localization Generates surround sound from virtual speakers at pinpoint accurate locations
- HRTF (Head Related Transfer Function) Industry leading audio analysis algorithm generating the highest fidelity
- Crosstalk Cancellation Filter Eliminates crossover sound artifacts ensuring each channel is heard from its intended direction
- Natural Reverberation Filter Generates realistic sound reverberation creating the feeling of being there
- Proprietary technology by Samsung R&D

Wall mount TV type   TV rack type

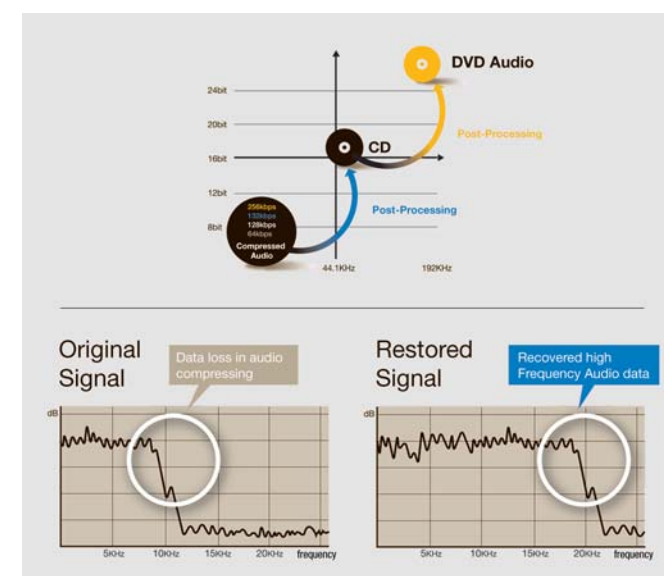Virtualizer OFF   Virtualizer ON

2. Advanced Audio Technology

1.Smart Volume

- Smart Volume normalizes volumes in various channels to user specified level (Optical-in from STB, Digital broad casting)
- There could be big volume differences
>> between Channels : Sports Drama Commercials
>> between Scenes : Bombing / Crash

Original

Smart Volume

Sports Channel   Drama Channel   Advertize ments   Drama

2. Audio Up-scaling

- Expanding audio resolution with bit expansion and spectral reinforcement solution - There could could be big volume differences
- Sound quality improving
>> Compressed MP3 files to CD quality
>> CD quality to DVD - Audio quality

DVD Audio
24bit
20bit
16bit   CD   Post-Processing
12bit
8bit   128kbps   Post-Processing
Compressed Audio
44.1KHz   192KHz

Original Signal   Data loss in audio compressing

Restored Signal   Recovered high Frequency Audio data

5KHz 10KHz 15KHz 20KHz frequency   5KHz 10KHz 15KHz 20KHz frequency
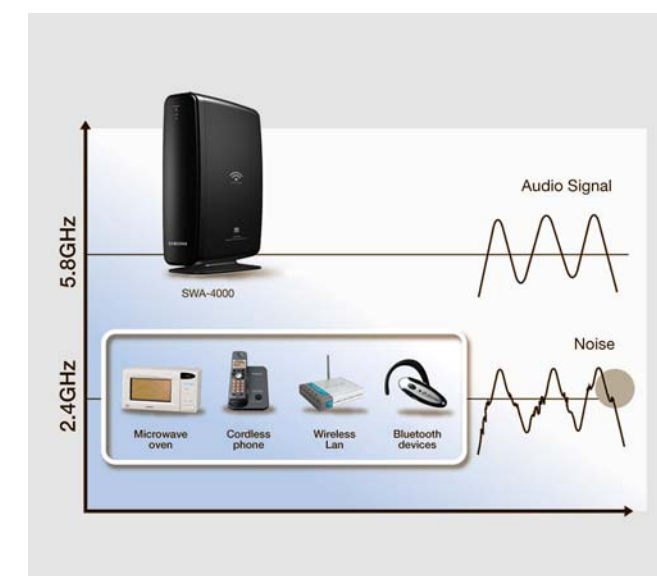
3. Bluetooth Home Theater

1. Enjoy your music From a Bluetooth device through HiFi Home theater system.
2. Blutooth is an easier and more convenient way to listen to music without wires.
3. Mobile Phones, MP3, PDA, Note-PC that featuring Bluetooth are compatible.

PDA   Mobile Phones

MP3

Applies HT-X810 / X715 / TX715 / X710
HT-TZ315 / Z310
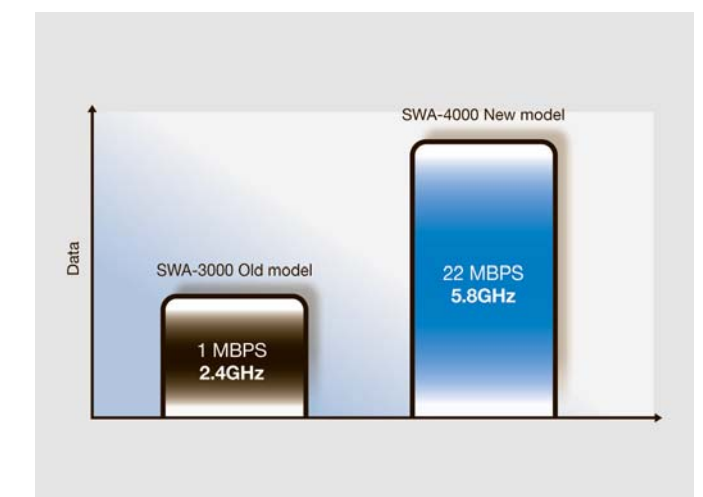
Bluetooth™

4. Why 5.8 GHz?

1. Free from Noise, Interference

- 5.8 GHz digital frequency can avoid the interference from various 2.4 GHz devices (Microwave oven, Bluetooth devices like MP3P, HHP, N-PC, Wireless Lan 802.11b/g, 2.4GHz cordless phone..)

5.8GHz

2.4GHz

SWA-4000

Audio Signal

Noise

Microwave oven   Cordless phone   Wireless Lan   Bluetooth devices

2. Sound Quality is better

- 5.8 GHz High Frequency can deliver more data than 2.4 GHz

Data

SWA-4000 New model

SWA-3000 Old model

22 MBPS
5.8GHz

1 MBPS
2.4GHz

3. No Cut off, No interruption

- 5.8GHz digital frequency can make it possible for seamless data transmission even when there are obstacles (people passing, walls, furniture, etc)

HT-X810
imagine a sound that can satisfy more than just one of your senses.

HT-X715
imagine a sound so real, it feels like you are there.

HT-X810

>> 2.1 CH HTiB
  - Virtual 5.1 Ch Surround
  - 2 way 2 speaker
>> 280W Power Output
>> HDMI /w 1080P up-scale
  - Anynet+ (HDMI CEC)
>> Wireless S /W (5.8GHz)
>> Special Audio DSP
  - Dolby Volume
  - MP3 Enhancement
  - Power Bass
>> Bluetooth
>> USB Host w /video playback
>> DVD-Audio Playback

HT-X715 / TX715

>> 800W Power Output
>> Dual Layout
>> BlueTooth
>> USB Host w /video playback
>> Wireless Ready
>> Smart Volume
>> Auto Sound Calibration

HT-X715

Vertical type   Horozontal type

HT-X710

>> 400W Power Output
>> Dual Layout
>> BlueTooth
>> USB Host w /video playback
>> DNSe 2.1
>> Smart Volume

HT-X710   HT-TX715

HT-XA100

imagine a sound so real,it feels like you are there.

HT-Z310

HT-Z310/TZ312/TZ315

>> 1000W Power Output
>> Bluetooth
>> USB Host w /video playback
>> HDMI /w 1080P up-scale
   - Anynet+ (HDMI CEC)
>> Wireless rear

HT-TZ312   HT-TZ315

HT-XA100

>> 5.1 CH HTiB
>> 600W Power Output
>> 2 way 2 speaker
>> HDMI /w 1080P up-scale
   - Anynet+ (HDMI CEC)
>> USB Host w /video playback
>> DVD-Audio Playback

HT-XA100

HT-A100 / A100W

>> 2.1 CH HTiB
>> 300W Power Output
>> 2 way 2 speaker
>> Virtual 5.1 Ch Surround
>> HDMI /w 1080P up-scale
   - Anynet+ (HDMI CEC)
>> USB Host w /video playback
>> DVD-Audio Playback

HT-A100   HT-A100W

HT-Z210

HT-Z210/TZ212/TZ215

>> 800W Power Output
>> USB Host w /video playback
>> HDMI /w 1080P up-scale
   - Anynet+ (HDMI CEC)

HT-TZ212   HT-TZ215

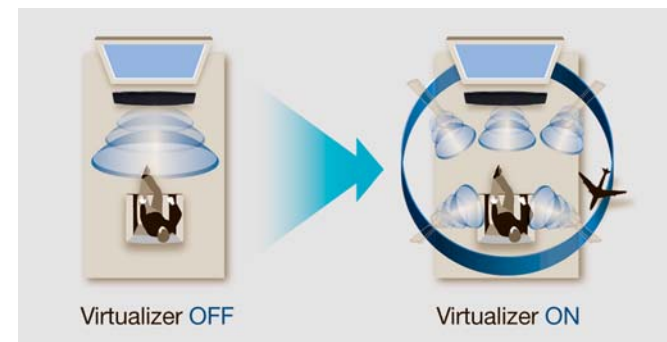## HT-Z110

>> 300W Power Output
>> 5.1ch HTiB

Stylish Room Theater

Digital Audio

RTS-HE10 is room theater perfectly matching Stylish slim fit & LCD TV. High Glossy Black Exterior reveals the premium & stylish design. Also DNSe2.1, priority sound technology of samsung, creates virtual surround. high performance connection with DTV & AV devices 1080i up-scaling through HDMI connection.
create your room with samsung Room Theater RTS-HE10

Virtualizer **OFF**　　Virtualizer **ON**

Slot-in DVD

32" LCD TV

Display

RTS-HE10

>> DNSe 2.1 (Virtual Surround)
>> USB Host (MP3 / Divx)
>> Portable Audio In (Aux In)
>> Progressive Scan Out
>> HDMI Out (1080p Upscaling) - (HE10 only)
>> Compatibility
　　- DVD-Video, DivX, MP3, WMA, CD-R/RW
>> Variation
　　- RTS-HE10 : HDMI Out (1080p upscaling), High Glossy
　　　　　　　　　Black, 40W/ch + 80W
　　- RTS-E10 : Composite, Glossy Black, 40W/ch + 40W

RTS-A1100

>> 80 / 160GB Built in HDD
>> 4.3" TFT LCD with Touch pad
>> Bluetooth, USB host, iPod connection
>> Hotsync with PC
>> Smart easy UI (Emoture)
>> CD Ripping (16 times speed)
>> Variation
　　- RTS-A1000 : 80GB, 20W x 2 (without DVD Deck)
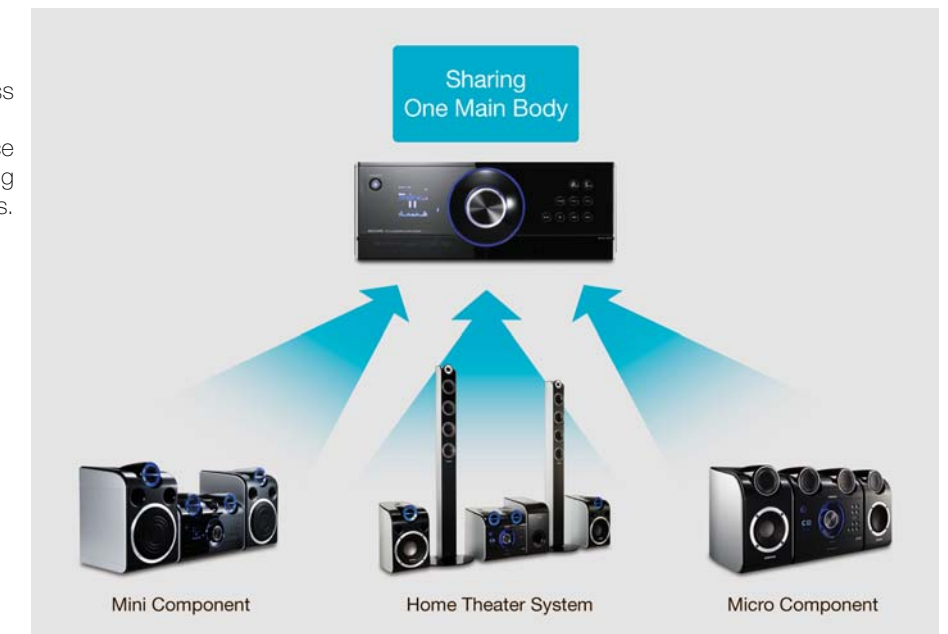　　- RTS-A1100 : 80GB, 20W x 2
　　- RTS-A1200 : 160GB, 20W x 2

Fusion Audio System

Mass customization

Produce goods and services to meet individual customer's needs with near mass production efficiency.
Flexible manufacturing systems to produce fusion style audio product by combining one main body with various type of speakers.

>> HDMI Out (1080i Up-scaling)
>> USB Host, Portable Music In
>> CD Ripping (1x) - DVD Only
>> MP3 Enhancement (EQ)

Sharing
One Main Body

Mini Component　　Home Theater System　　Micro Component

MAX-DA69

MAX-DA67

MAX-A66 / DA66

MAX-A65

MAX-A60 Series

>> HDMI Out (1080i Upscaling)
>> USB Host, Portable Audio In
>> CD Ripping (1x) - DVd Version Only
>> Variation
　　- DA69 : DVD, 5.1ch, RMS 260W x 2 + 130W + 130W x 2 + 170W
　　- DA67 : DVD, 3.1ch, RMS 260W x 2 + 130W + 170W
　　- DA66 : DVD, 2.1ch, RMS 260W x 2 + 170W
　　- A66 : CD, 2.1ch, RMS 260W x 2 + 170W
　　- A65 : CD, 2 ch,　RMS 260W x 2

MAX-DA79

MAX-DA76

MAX-DA75

MAX-DA70 Series

>> HDMI Out (1080i upscaling)
>> BlueTooth
>> USB Host, Portable Music In
>> CD Ripping (1x)
>> Variation
  - DA79 : DVD, 5.1ch, RMS 135W x 5 + 180W
  - DA76 : DVD, 2.1ch, RMS 135W x 2 + 180W
  - DA75 : DVD, 2ch, RMS 135W x 2

MAX-A55/DA55

MAX-A54

MAX-A54U/A55U

MAX-A50 Series

>> 3 Disc Changer
>> CD Ripping (1x) - DVD version only
>> Portable Audio In
>> Variation
  - DA55 : DVD, RMS 90W x 2, PMPO 2,000W,
    USB Host, CD Ripping
  - A55 : MP3-CD, RMS 90W x 2, PMPO 2,000W
  - A54 : MP3-CD, RMS 50W x 2, PMPO 1,100W
  - A55U : MP3-CD, RMS 90W x 2, PMPO 2,000W, USB Host
  - A54U: MP3-CD, RMS 50W x 2, PMPO 1,100W, USB Host

MM-A25/DA25

MM-A24

MM-A20 Series

>> CD Ripping (1x) - DVD Version Only
>> USB Host
>> Portable Music In
>> Variante
  - DA25 : DVD, 2ch, RMS 50W x 2
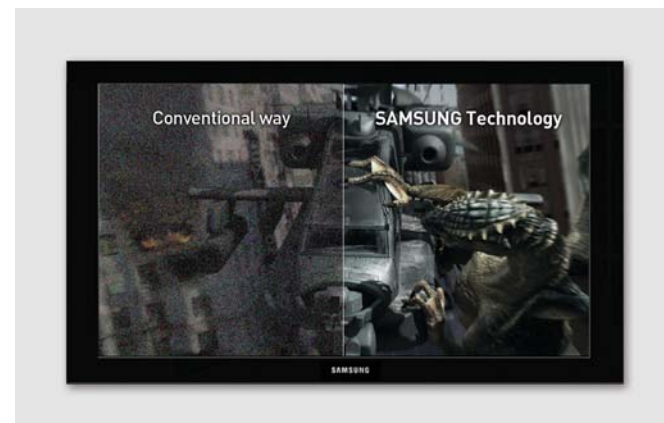 - A25 : CD, 2ch, RMS 50W x 2
  - A24 : CD, 2ch, RMS 20W x 2

No. 1 in PLAYABILITY

Now with advanced playability technology, the Samsung DVD player can play any DVD title. That means no worries and no hassles:
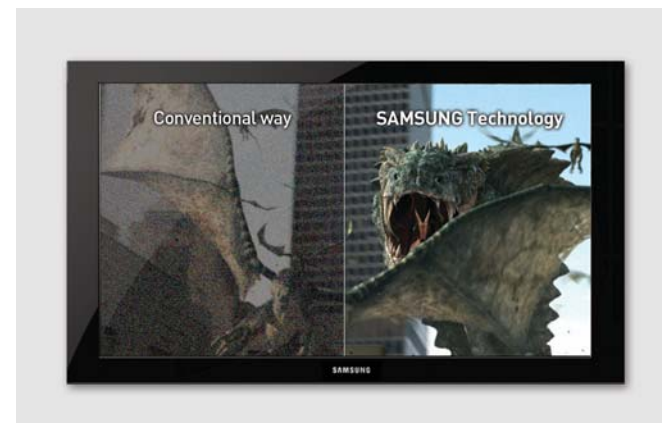
NO. 1 IN PLAYABILITY.
Just press 'Play' and enjoy.

1. Rolling Actuator Technology

Conventional way | SAMSUNG Technology

Conventional way | SAMSUNG Technology

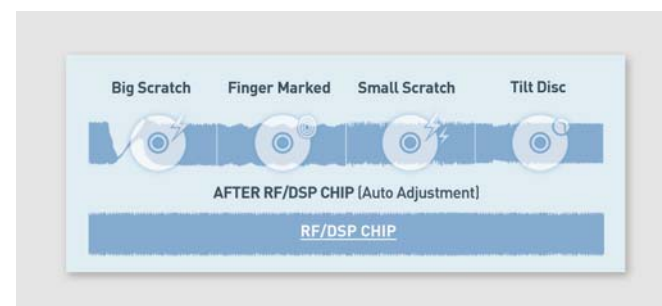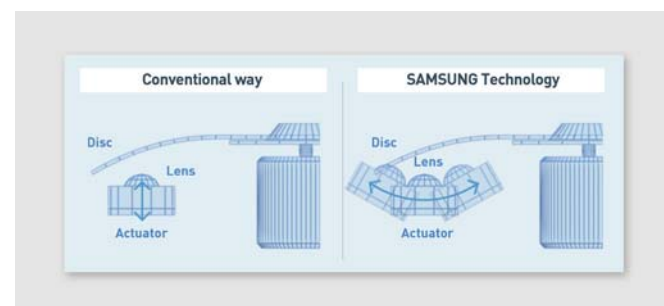Disc | Lens | Disc | Lens
Actuator | Actuator

- The Samsung DVD player's Rolling Actuator Technology adjusts the lens angle to the curved disc surface so it can read disc information with perfect accuracy.

2. AFTER RF/DSP CHIP (Auto Adjustment)

Conventional way | SAMSUNG Technology

Big Scratch | Finger Marked | Small Scratch | Tilt Disc

AFTER RF/DSP CHIP [Auto Adjustment]

RF/DSP CHIP

- Samsung's Defect Disc Recovery Solution improves the DVD player's Auto Adjustment capability so it can deliver a clear picture? despite scratches and other defects on the disc.

DVD-P180

>> 360mm (Width) Compact Size
>> DivX /MP3 /WMA /JPEG Playback
>> 14bit Video DAC
>> Progressive Scan Out
>> Best Playability Solution Applied
>> (S) VCD support is variable based on subsidiaries' conditions.

DVD-P181

>> 360mm (Width) Compact Size
>> DivX /MP3 /WMA /JPEG Playback
>> 14bit Video DAC
>> Progressive Scan Out
>> Best Playability Solution Applied
>> (S) VCD support is variable based on subsidiaries' conditions.

DVD-P182

>> 360mm (Width) Compact Size
>> 5.1ch Audio Out
>> DivX /MP3 /WMA /JPEG Playback
>> 14bit Video DAC
>> Progressive Scan Out
>> Best Playability Solution Applied
>> (S) VCD support is variable based on subsidiaries' conditions.

DVD-P280

>> USB Host Play with CD Ripping
>> MP3 /WMA /JPEG Playback
>> 14bit Video DAC
>> Progressive Scan Out
>> Best Playability Solution Applied
>> (S) VCD support is variable based on subsidiaries' conditions.

DVD-P280K

>> Karaoke (2mic)
>> MP3 /WMA /JPEG Playback
>> 14bit Video DAC
>> Progressive Scan Out
>> Best Playability Solution Applied
>> (S) VCD support is variable based on subsidiaries' conditions.

DVD-P380K

>> USB Host Play with CD Ripping
>> Karaoke (2mic)
>> DivX / MP3 / WMA / JPEG Playback
>> 14bit Video DAC
>> Progressive Scan Out
>> Best Playability Solution Applied
>> (S) VCD support is variable based on
　　subsidiaries' conditions.

DVD-1080P8

>> High Glossy Piano Black
>> HDMI (1080p up-scaling)
>> Anynet+
>> DivX / MP3 / WMA / JPEG Playback
>> 14bit Video DAC
>> Progressive Scan Out
>> Best Playability Solution Applied
>> (S) VCD support is variable based on
　　subsidiaries' conditions.

DVD-F1080 / F1080W

>> Stylish Design (Pebble Style)
>> Touch Sensor Key
>> 1080p Up-Scailing
>> HDMI-CEC (Anynet+)
>> NTSC / PAL Multi Progressive Scan
>> MP3 / WMA / JPEG Playback
>> DivX Certified

DVD-F1080

DVD-F1080W

DVD-FP580 / FP580W

>> Stylish Design (Pebble Style)
>> Touch Sensor Key
>> NTSC / PAL Multi Progressive Scan
>> MP3 / WMA / JPEG Playback
>> DivX Certified

DVD-FP580

DVD-FP580W

BD-P1400

>> Playback : BD-ROM, BD-RE, BD-R,
　　DVD-ROM, DVD-RAM, DVD+/-R, DVD+/-RW,
　　Audio CD, CD-R, CD-RW
>> HDMI Version 1.3 Bitstream Audio support
>> HDMI-CEC (Anynet+)
>> Ethernet (Firmware Update)
>> HD Format Audio decoding
　　(Dolby Digital Plus / Dolby True HD /
　　DTS-HD High Res Audio)

BD-P1500

>> HDMI Version 1.3
　　(HD Audio Bitstream Out, x.v.Color)
>> Playback : BD-ROM, BD-RE, BD-R,
　　DVD-ROM, DVD-RAM, DVD+/-R, DVD+/-RW,
　　Audio CD, CD-R, CD-RW, AVCHD
>> HDMI-CEC (Anynet+)
>> HD Format Audio decoding
>> Analog 2Ch Out
>> Ethernet (Firmware Update)
>> Design Matching with HDTV (59mm slim)