



BASIC PICTURE SETTING

Category	LCD TV
Picture preset	Vibrant,Cinematic,Sports,ECO,Natural,Personal
Contrast	Yes
Brightness	Yes
Sharpness	Yes
Black Level	Yes
Color	Yes
Tint	Yes
Color Temperature	Yes

ADVANCED PICTURE SETTING

Comb Filter	3D
Noise Reduction	Yes
Adaptive Deinterlacing	3D
Blue Stretch	Yes
Black Stretch	Yes
Light sensor	Yes
DLTI	Yes
DCTI	Yes
Dynamic Backlight	Yes
MEMC	Yes
Demo mode	Yes

PANEL SPECIFICATION

Panel supplier	AUO
Aspect Ratio	16:9
Panel Size (inch)	46"
Display Resolution	1920*1080
Backlight Type	White LED
Luminance (nit)	450(typical value)
Contrast Ratio	4000(typical value)
Response Time Tr/Tf	5.5MS(typical value)
Viewing Angle (H/V)	178°/178°(typical value)
Life Time	30000hours(typical value)
Color Depth	10 bit(8+FRC)
Screen refresh rate	120Hz

SOUND

Speakers	Integrated speakers(Bottom)
Audio Power Output	2*10W
Equalizer	Music,Standard,Movie,Voice,Personal
Balance	Yes
SRS WOW	No
SRS Trusurround XT	No
Digital Audio output	PCM,Dolby Digital
Auto Volume Control	Yes
Sound Processing	BTSC
SAP	Yes

FUNCTION

OSD Language	English/Spanish/French
Analog Closed Caption	Yes
Digital Closed Caption	Yes
Digital Closed Caption Style	Yes
Button Clock	Yes
Input Block	Yes
V-Chip	Yes
Time Zone selection	Yes
Power On Timer	Yes
Power Off Timer	Yes
Sleep Timer	Yes
Input Labels Selection	Yes
Input Skip	Yes
USB Connection	Yes,used as MP3 player and JPEG photo browser)
Listen Only	Yes (Listening to Music without picture)

MAXIMUM INPUT SIGNAL CAPABILITY

Component Video	1080i@60Hz
Composite Video	480i
DVI Video Format	1024*768@60Hz
HDMI Video	1080P@60Hz

TERMINALS

RF input	1 (F Type)
HDMI input	5(5'side,HDMI 1 is down compatible of DVI)
Component Video input	1
Composite Video input	1
Stereo audio input	2(1 for AV,1 for component)
Stereo audio line output	1
Audio input for DVI /VGA input	1
SPDIF output	1 (Fiber)
USB	1
Special port for post-sell service	None
Headphone	1

BASIC INFORMATION

TV System	NTSC-M,ATSC
AV System	NTSC
Chassis	MT5305B+MT8215A
Cabinet	P21
Power supply type	PSU
Power cord	Integrated
EMC Certification	FCC
Safety Certification	ETL
Energy Star Certification	5.0
California Energy Efficiency Certificati	Yes
Dolby Certification	Yes
AC input voltage	120V,60Hz
Maximum Power Consumption rating	160watt
Power saving mode consumption	87watt
Power Consumption in standby mode	less than 1 watt
Color of Front Cabinet	Black
Keyboard Position	Front Cabinet
Base Stand Detachable	Yes

Unpackaged Dimension for Main Body (L*H*D) (inch)	
With Base Stand (inch)	44.1*30.4*11.2
Without Base Stand (inch)	44.1*27.9*1.9
Packaged Dimension (L*H*D)	
Main Body (inch)	50*12.4*34.9
Net Weight (lbs)	44.8
Gross Weight (lbs)	56.2

ACCESSORIES

Operation Manual	English,French,Spanish
Warranty card	English,French
QSG	English,French
Remote Control	yes
Battery	one pair
Base Stand	Integrated Packaging
Speaker	Integrated
Wall Mount	Optional