



LX640 LX650 LX660

Education & Commercial LCD Models

actO

Imagine Together™

Education • Business

Excellency in Performance & Quality

ACTO Progressive Processing

ACTO Progressive image processing enhances the gray levels & details of images by increasing the brightness & clearation among RGB colours. 10 Bit Gama correction offers much real & true colour images with greater contrast & purity.



Insufficient gray levels
low contrast ratio



Over saturation with
insufficiency in
background details



True color & higher
contrast by 10 Bit
Gama correction

Newly designed expanded metal for lamp fragment protection



Expanded metal to prevent dangers
by lamp fragment after explosion

Wherever may benefit by such design usually in classrooms, this humanistic design stops any harm to any audience.



Branded USHIO 230W High brightness lamp



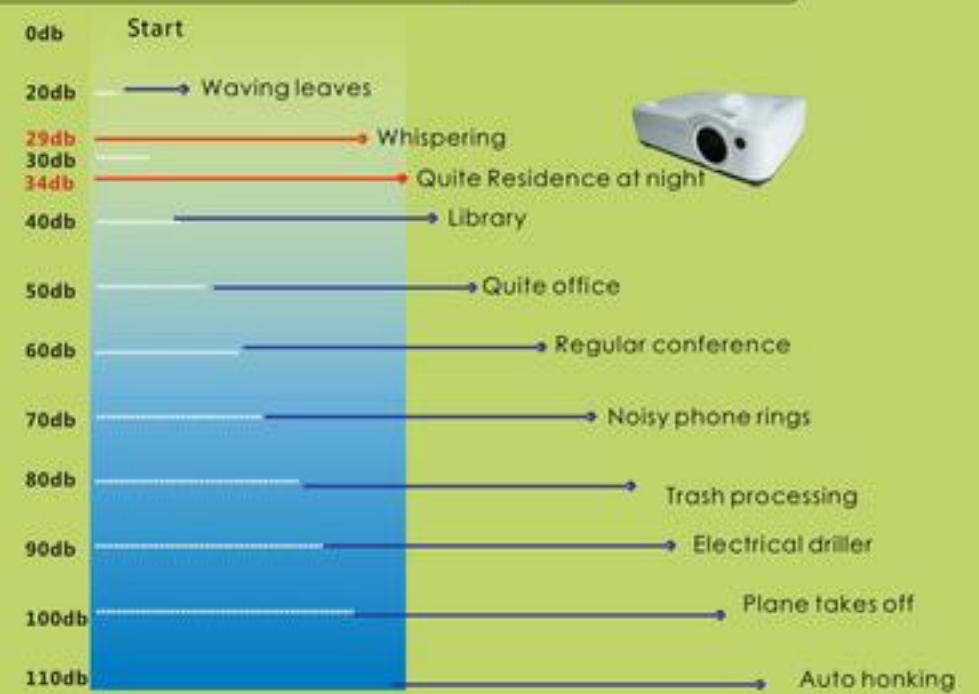
USHIO 230W lamp gives more output of brightness to enjoy better performance.



Normal 180W lamp projects dimmer & unclear images by lower output.



Low noise for a better atmosphere



Greater Heat Disperse Efficiency

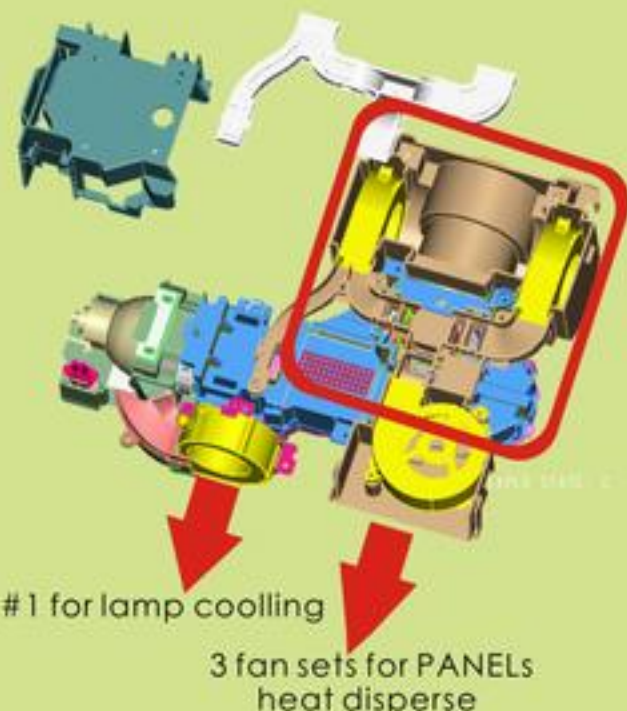
3 fans for panels heat disperse, one fan for heat disperse on lamp with extra two powerful exhaust fans for rapid interior disperse & balance of inside pressure which increases 50% efficiency. These help protect lamp & interior structure for long span life.



2 Sets Exhaust Fans



4 sets Toshiba Fans



Fan #1 for lamp cooling

3 fan sets for PANELs
heat disperse

Highland Mode

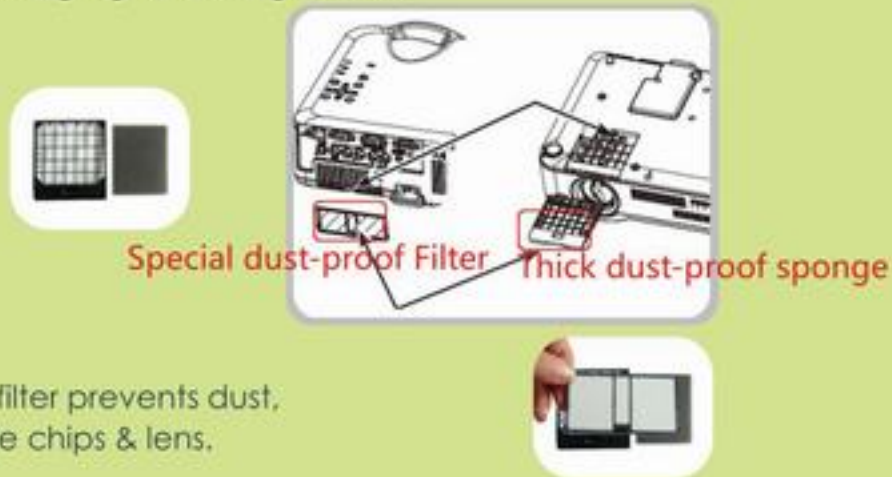
Highland mode design by 6 sets of exhaust fans over lamp & panels guaranties stable performance of projector even in 3000 metres highland or above or any moisture circumstances.

Highland Mode Projection



Double-circuit Dust Proof Strainer, Dust Free

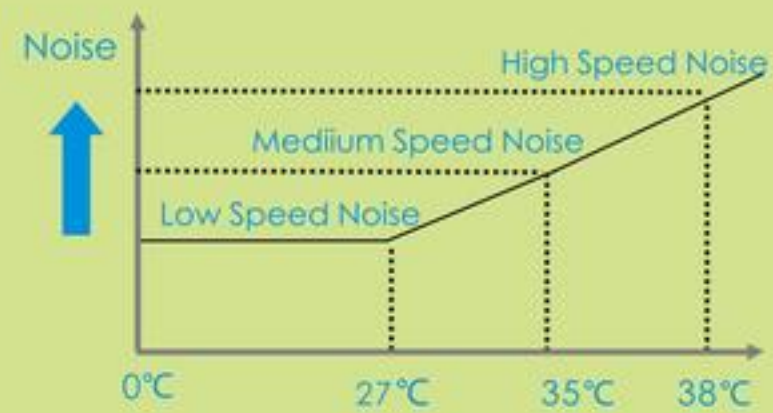
Thick dustproof sponge can effectively filter dust, soot & moisture which may corrode lens. The dustproof sponge makes lens maintain optimal imaging for a longer time.



Special dust-proof filter prevents dust, smoke from corrode chips & lens.

Intelligent Control System On Fans

The exhaust fans adjust rotation speed intelligently according to projector temperature which help power saving & noise control.



Easy Operation

Top Drawer Out Lamp Replacement

Humanistic design for ceiling mount lamp replacement makes maintenance and cleansing easier than ever.



Remote Control "User Friendly" Design

Multi-function 32 hotkeys for instant operation in comparison of normal projectors. Full/Short buttons for menu transfer, viewing mode option, image zoom in & out.

4-Layer Security Protection

Power on pin code & keypad lock protection to avoid incorrect operations & steal. Projector is equipped with kensington lock & anti-theft bars for securities.

Power On Pincode



Keyboard lock -OSD lock-R/C lock



This feature locks keypad or R/C buttons in prevention of unauthorized operation.

Kensington Lock

Anti-theft Bar



Humanistic Luxury Functions Design

Closed Caption, aid for hearing impares

Re-display of subtitles after auto sharpening for direct enjoyment from high definition films. Such function also realises display of hidden subtitle.

Closed caption is a text version of the spoken part of a television, movie, or computer presentation. Viewer may enjoy CC function when input signal bears Closed Caption.

User Definition Of Cooling Time

Cooling is usually fixed to take a period of time to protect projectors. LX6 Series enable users adjust cooling time accordingly from 3~1minute(s).

Exception Log Records For Real-time Fault Diagnosis

Auto records faulty operations during performing, e.g., irregular performance, start & power-off by alerting troubleshooting timely.

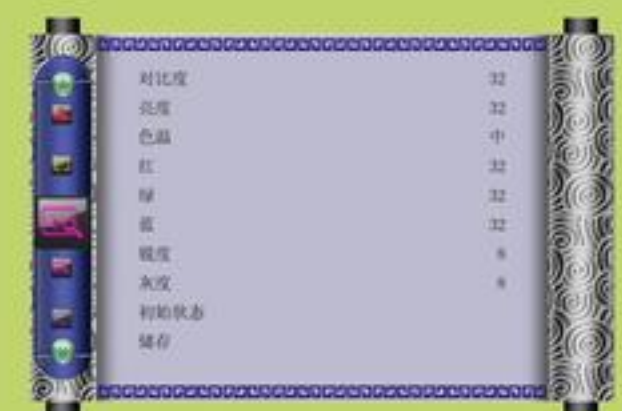
Luxury Features

- Vertical 30° keystone correction
- Fully supports rear, front & ceiling projections
- 4:3 & 16:9 for commercial & video entertainments
- Interior powerful 7 watts speaker
- 1/4-16x zoom in & out function
- 17 languages in OSD menu
- One key blank screen for confidential
- Intelligent power-on by detection of signal input during standby
- Image auto reversal
- Full/Short optional by remote control
- Wide signal compatible, 480i to 1080i, PC to Macintosh.
- Screen capture as splashscreen
- Free brightness output adjusting
- Auto power-off in signal-sourcing failure

Simple & Precise Design

Chinese painting scroll style

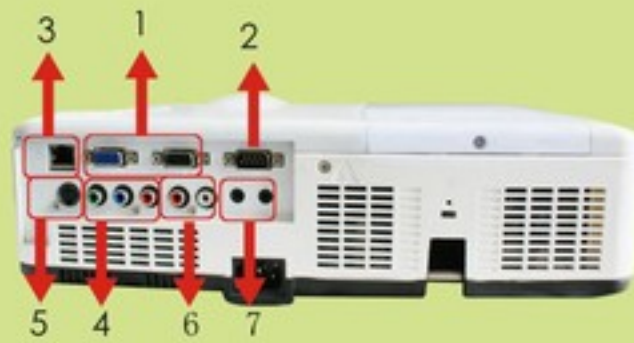
Combination of traditional Chinese art with modern technology



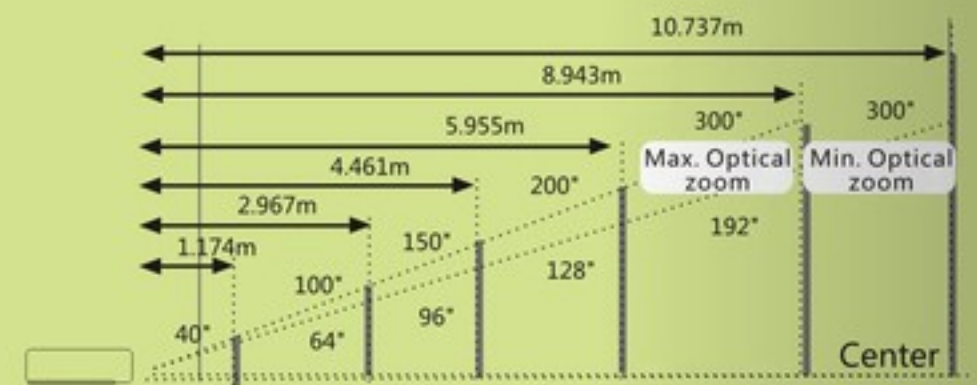
Multi Function Interfaces

RJ45 enables its connection with LAN (local area network), users can easily realise remote control of projector including settings, it is also available to check lamp time & status at any time.

1. VGA In & Out
2. RS232 Control
3. RJ45 LAN Access
4. Y-Cb/Pb-Cr/Pr
5. S-Video
6. Audio In
7. PC Audio In/Out



PROJECTION CHART



Projection Size

Diagonal (W×H) mm 4:3 Scale	40"	100"	150"	200"	300"
Max. Optical zoom	1.174m	2.967m	4.461m	5.955m	8.943m
Min. Optical zoom	1.413m	3.564m	5.358m	7.151m	10.737m

Model	LX640	LX650	LX660
Display Technology	3LCD 0.63"	3LCD 0.63"	3LCD 0.63"
Native Resolution	XGA (1024×768)	XGA (1024×768)	XGA (1024×768)
Brightness	2,700 Ansi lumens	3,200 Ansi lumens	3,800 Ansi lumens
Contrast	800:1	800:1	800:1
Uniformity	85%	85%	85%
Lamp	230W NSH	230W NSH	230W NSH
Dimension	345×245×94mm	345×245×94mm	345×245×94mm
N.W. & Color	3.20Kg / Pearl white/Silver grey/Black	3.20Kg / Pearl white/Silver grey/Black	3.20Kg / Pearl white/Silver grey/Black
Projection Type	Rear/Front/Ceiling/Desktop	Rear/Front/Ceiling/Desktop	Rear/Front/Ceiling/Desktop
Lamp Replacement	Top Cover Drawer Style	Top Cover Drawer Style	Top Cover Drawer Style
Lens	F: 2.3-2.5, 1.2x Optic zoom f=18.82-22.60mm 1/4~16 Digital focus function.	F: 1.75~1.9, 1.2x Optic zoom f=18.85-22.63mm 1/4~16 Digital focus function	F: 1.58~1.75, 1.2x Optic zoom f=18.85~22.63mm 1/4~16 Digital focus function
Outputs	15-Pin D-sub, RS232, Mini-Jack(Audio output), RJ45		
Inputs	S-Video, Component Video, CVBS, 15-pin D-SubX2, Mini Jack (Stereo), RCA (L/R)		
Video Compatibility	PAL, SECAM, NTSC 4.43, PAL-M, N, HDTV (480i, 480p, 575i, 575p, 720p, 1035i & 1080i)		
Resolution Compatibility	VGA, SVGA, XGA, SXGA, WXGA, UXGA, Mac		
Scale Ratio	4:3 (Standard) / 16:9 (Compatible)		
Digital Keystone	Vertical +/-30° Auto correction		
Throw Ratio	70" @ 2.07m		
Speaker	Mono 7w		
Projection Distance	1.4m-12.7m		
Projection Size	30"~300"		
Noise	[Normal]<34dBA, [Eco]<29dBA		
Lamp life	[Normal] 3,000 Hrs, [Eco] 4,000 Hrs		
H. Scanning Freq.	15-100 Khz		
V. Scanning Freq.	50-100 Hz		
Power Consumption	280W	285W	310W
Power Supply	100-240V AC		
Performing Temp.	0°C-40°C		
Storage Temp.	-10°C~60°C		
OSD Language	17 Languages (English, Spanish, German, French etc)		
Standard Accessories	User manual (CD-ROM) , Power cord, Remote control & battery, VGA cable, lens cap with string		

Authorized Distributor:



PROJECTION SPECIALIST ACTO PROJECTOR

TOLL FREE

400 700 4666

www.actochina.com