

www.yamaha.com



Every second spent playing my 6-string is pure pleasure, Its tone resonates throughout my body. Clear and pure acoustic sound connects with my soul.

In our pursuit for the perfect sound, we have gone beyond looking for a better way to simply "amplify" acoustic tone, and focused on delivering true tone, without alteration, directly from the line out jack.

With this, we've added a newly developed pickup system to our electric acoustic guitar lineup. This new system is featured mostly on our LL series guitars, which is highly acclaimed for its rich, expressive tone and high quality sound. Our A.R.T. pickup system, which lets you adjust the amount of body resonance present in the sound, offers the most natural, dynamic and expressive electro-acoustic tone possible. We've also added our new SRT pickup system, which offers studio quality tone, without alteration, directly from the line out jack. Both of these advanced systems deliver beautiful acoustic tone that can be utilized even while playing live with a band.





LLX SERIES ORIGINAL JUMBO BODY

Based on our original jumbo body shape, our flagship acoustic-electric LLX Series guitars enjoy great popularity among professional recording artists. Matching an A.R.T. pickup system to these LL series instruments delivers faithful reproduction of the wide dynamic range and balance characteristic of LL guitars, along with its clear, beautiful tone. Tops on the LLX36C/26C/26 are treated with Yamaha's exclusive A.R.E.* (Acoustic Resonance Enhancement) treatment that gives new instruments a mature sound right out of the box. The series offers cutaway and non-cutaway models.

Model Тор Back / Side Neck Soundhole Rosette Body Binding Preamp



*A.R.E. stands for Acoustic Resonance Enhancement. Please refer to page 38 for more details. *A.R.T. stands for Acoustic Resonance Transducer. Please refer to page 21-22 for more details.



LLX36C	LLX26C / 26	LLX16	LLX6A	
Solid Engelman	Spruce A.R.E*	Solid Engeli	man Spruce	
	Solid Rosewood		Rosewood	
Mahogany, P	adauk (5ply)	Mahogany, Ro	sewood (3ply)	
Abalone	& Wood	Wood(Blac	k & White)	
Maple & Abalone	Maple	Ivory		
	System60 3-way A.R.T.		System57CB 3way A.R.T.	

LSX SERIES SMALL BODY CUTAWAY



Outstanding tonal balance and smaller dimensions are just a couple of reasons why this acoustic-electric version of the LS series is so popular among finger style guitarists. While the instrument produces excellent acoustic volume it is also equipped with our ground-breaking A.R.T. 3-way pickup system (System 60), which provides control of overtones and resonance for premium quality sound amplification. Tops on the LSX36C and LSX26C feature Yamaha's A.R.E.* (Acoustic Resonance Enhancement) treatment.

Model	LSX36C	LSX26C	
Тор	Solid Engelmar	Spruce A.R.E*	
Back / Side	Solid Rosewood		
Neck	Mahogany, Padauk (5ply)		
Soundhole Rosette	Abalone & Wood	Wood(Black & White)	
Body Binding	Maple & Abalone	Maple	
Preamp	System60 3-way A.R.T.		

LJX SERIES MEDIUM JUMBO CUTAWAY

The LJX body is designed to provide playing comfort when seated. The LJX26CP and 16CP both incorporate Yamaha's newly developed SRT system (see page 19 for further information). The LJX36 utilizes Yamaha's exclusive A.R.T. technology and a 3-way configuration to deliver strong low-end tone with outstanding presence. Strummed or playing lead, it delivers a wide dynamic range, clear sound, and excellent response. Tops on the LJX36C, LJX26C/CP and LJX16CP feature Yamaha's A.R.E* (Acoustic Resonance Enhancement) treatment.

Model Тор Back / Side Neck Soundhole Rosette Body Binding Preamp





LSX Colors

Natural (NT)





	LJX36C	LJX26CP	LJX26C	LJX16CP	LJX6CA
		Solid Engelman Spruce			
		Rosewood			
	Ma	hogany, Padauk (5p	Mahogany, Rosewood (3ply)		
	Abalone & Wood Wood(Black & Wi			Aba	lone
Maple & Abalone Mapl		iple	Ive	ory	
	System60 3-way A.R.T.	System62 SRT	System60 3-way A.R.T.	System62 SRT	System57CB 3way A.R.T.



YAMAHA ELECTRIC ACOUSTIC GUITARS 8

CPX15II SERIES COMPASS

The CPX15II series instruments are high-quality, hand crafted electric-acoustic guitars. The lineup consists of five instruments that are cosmetically themed, four for the four points of the compass, north, south, east, and west, and the fifth carrying a nautical theme. The CPX15II is the base model in the Compass series and features Yamaha's A.R.T. (Acoustic Resonance Transducer) 3-way pickup System.

Model	CPX15II	CPX15EII	CPX15WII	CPX15SII	CPX15NII		
Тор	Solid Spruce						
Back / Side	Indian Rosewood	Quilted Mahogany	Walnut	White S	ycamore		
Neck	Mahogany						
Inlay	RW, African MH, PD, EOP	PD,MH,African MH,RW	MH, PD, EB, RW, African MH	PD,MH,African MH,RW	Abalone, Orange Acrylic		
Binding Ivory							
Preamp	System59 3way A.R.T.						

CPX SERIES COMPASS NEW

CPX is great for any purpose. It satisfies your need in acoustic guitar anywhere from living room, studio to stage. It plays naturally unplugged and it screams when lined out. The deep body CPX produces rich acoustic tone and resonance. Great tonal range, from deep low to silky high, this is a loud, boomy, yet sensitive acoustic guitar. Even with terrific body resonance, feedback is well-controlled. Because of the special bracing pattern and new Yamaha's original calibrated preamp, you will never experience feedback.

Model Top Back / Side Soundhole Rosette Body Binding Preamp



glyphic inlay work.

CPX15II

rounds the sound hole.

An image of sailing vessels in search

of new worlds is the theme used on the

CPX15II. Signal flag position markers

adorn the neck while beautiful inlay

work depicting three billowing flags sur-

Antique Violin Sunburst (AVS)

sound hole.

CPX15WII WEST VERSION

The West model evokes images of dry

winds blowing across broad American

landscapes. Fret markers are based on

designs of Native American concho orna-

ments and long horn inlay surrounds the

Miami Ocean Blue (MOB)

with the light reflected off of the waves

scene changing from evening to night.

CPX15SII SOUTH VERSION

CPX15NII NORTH VERSION The South model depicts Caribbean seas The North model evokes images of frozen with its deep ocean blue hue. Position marknorth. Fret markers are whale's tails ers create a scene of coconut leaves shining rising above the water's surface, which is represented by the frets. Inlay around the soundhole depicts a beach Intricate inlay work around the soundhole features exquisite images of the midnight sun and aurora.



CPX15EII EAST VERSION

Mystical scenes of ancient Egypt are the

theme for the East model. The 12th fret

position marker is an exquisite Eye of

Horus design done in blue. The sound

hole is surrounded by ancient hiero-

CPX1200	CPX1000	CPX700II / 700II-12	CPX500II	
	Solid Spruce		Spruce	
Solid Rosewood	Flamed Maple	Flamed Maple Nato		
Mahogany	Abalone	Black & White Multi	Abalone	
Mahogany		Ivory		
System62 SRT	System63 SRT	System64 1 way A.R.T.	System65	



APX SERIES NEW

Since its introduction in 1987, the APX series has always been at the heart of the electric-acoustic guitar scene. Its great playability makes it perfect for performing and an excellent gigging guitar. Thin-line bodies make them comfortable and easy to play while cutaway designs offer greater access to high frets. Their designs also make the transition from playing an electric guitar smoother than ever. Specially designed non-scalloped X-type bracing allows the guitar's top to sing and maximizes the resonance of the unique body shape for a full, natural tone. The line also offers some stunning color variations.

Model Top Back / Side Soundhole Rosette Body Binding Preamp

APX700II-12 APX700II A.R.T. 1Way APX1200 APX1000 SRT SRT Translucent Black (TBL) Pearl White (PW) Vintage Sunburst (VS) APX Colors Translucent Black Mocha Black (TBL) (MBL)
 Black
 Oriental Blue Burst
 Red Metallic
 Crimson Red Burst
 Old Violin Sunburst
 Vintage Sunburst
 Brown Sunburst

 (BL)
 (OBB)
 (RM)
 (CRB)
 (OVS)
 (VS)
 (VS)

								_
PX1200	•							
PX1000		•				•		
CPX700II			•					
PX700II-12			•					
PX500II			•	•	•		•	
PX500IIFM							•	

*About SRT, please refer to page 19-20 for more details. *A.R.T. stands for Acoustic Resonance Transducer. Please refer to page 21-22 for more details.

APX1200	APX1000	APX700II/700II-12/700IIL	APX500II	APX500IIFM
	Solid Spruc	Spruce	Flamed Maple	
Solid Rosewood	Flamed Maple	Nato		
Abalone APX RING	Rosewood & Abalone	Rosewood & Mahogany MOP APX RING		
Mahogany	Ivory			
System62 SRT	System63 SRT	System64 1way A.R.T.	Syste	em65



Red Metallic (RM)

Old Violin Sunburst (OVS)





FGX SERIES TRADITIONAL WESTERN BODY CUTAWAY

The FGX730SC is the acoustic-electric version of the FG730S. Features inherited from the L Series, such as nonscalloped X bracing and a reverse L block neck attachment, make it an instrument of high quality. Equipped with an A.R.T. 1-way pickup system (System 56), it delivers a clear, bright tone, typical of FG guitars, and performs just as well whether playing accompaniment or lead. Onboard electronics that include a 3-band equalizer with an adjustable mid-range frequency and a tuner make it a perfect instrument for performing live.

Model	FGX730SC	FGX720SCA	
Гор	Solid Spruce		
Back / Side	Rosewood	Nato	
Soundhole Rosette	Abalone		
Body Binding Ivory		Black & White Multi	
Preamp	System56CB A.R.T. 1-way	System55T	

FGX Colors

Natural (NT)

Brown Sunburst (BS)



*A.R.T. stands for Acoustic Resonance Transducer. Please refer to page 21-22 for more details. *Sold as the FX325 (same spec) in the U.S.

FX SERIES

This model inherits the design philosophy of the FG and FGX guitars to deliver excellent sound quality at a reasonable price.

Model	FX370C	FX310A*	
Тор	Spruce		
Back / Side	Nato	Meranti	
Preamp	System58	System53	



Tobacco Brown Sunburst (TBS)

*FX310A Natural Only

FSX SERIES SMALL BODY CUTAWAY

The FSX line is the most recent addition to the FS series. The FSX730SC and 720SC both deliver dynamic acoustic sound from compact body designs that are derived from the FS720. They are a great choice for players that prefer the comfort that their smaller body designs supply and are also perfect for finger picking styles. The FSX730SC features an A.R.T one-way pickup system (System 56) that delivers genuine acoustic tone. On-board electronics include a chromatic auto tuner, 3-band equalizer, and an adjustable mid frequency control.

Model	FSX730SC	FSX720SC	
Тор	Solid Spruce		
Back / Side	Rosewood	Nato	
Soundhole Rosette	Abalone	Black & White Multi	
Body Binding	Ivory		
Preamn	System56CB A.R.T. 1-way	System55T	

FJX SERIES MEDIUM JUMBO BODY CUTAWAY

These medium jumbo-bodied guitars are noted for their well-defined bass, wide dynamic range, plus clear and exceptional response. Both the FJX730SC and 720SC have inherited quality features from our L Series such as their non-scalloped X bracing and reverse L block neck attachment. The FJX730SC features an A.R.T 1-way pickup system (System 56) that faithfully reproduces the dynamic sound produced by its medium jumbo body. Onboard electronics include a chromatic auto tuner and 3-band equalizer.





FSX730SC	FSX720SC			
Solid S	Spruce			
Rosewood	Nato			
Abalone	Black & White Multi			
Ivory				
System56CB A.R.T. 1-way	System55T			



Natural (NT)



SILENT GUITARTM NEW

At home or on the road, with headphones or direct into a recording console, in the rehearsal studio or on a stage in front of 20,000 fans, the Silent Guitar performs perfectly while offering something more... the ability to really have your music with you, wherever you are. The Silent Guitar was developed to allow guitarists to play anywhere, anytime, without limitations.

Model	
Body	
Neck	
Strings	

SLG130NW

SLG130NW offers real classical SLG130NW offers real classical guitar experience with conven-tional classical guitar neck con-struction. Ebony fingerboard for tight and clear sound, Rosewood/ Maple frames for woody feel, Light Amber Burst for the taste of high-end... Both sound and appearance tops the series.

more aggressive style.

Tobacco Brown Sunburst (TBS)

SLG Colors	Light Amberburst (LAB)	Natural (NT)	Tobacco Brown Sunburst (TBS)	Black Metallic (BM)
SLG130NW	•			
SLG110N		•	•	•
SLG110S		•	•	•

Light Amberburst (LAB)

SLG130NW	SLG1101	V.	SLG110S
	Maple		
	Mahogan	y	
	Nylon Guitar Strings		Steel Guitar Strings



Comparing to orthodox classical guitars, its slimmer neck and lower action lets players create



SLG110S

Neck shape, string scale (634mm) sharing the same design concept as acoustic guitars, SLG110S is truly for acoustic, electric guitar players.





Black Metallic (BM)

SRT Series



SRT Delivers Amazingly Authentic Acoustic Tone

When professional guitarists want to record real acoustic guitar tone, they'll record the guitar with a microphone. That holds true for guitarists who prefer using electric-acoustics on stage as well. Electric-acoustics are very effective in live situations due to their ability to adjust sound and balance volume with the other instruments in the band. But the sound that electric-acoustics deliver is merely the amplified sound from a pickup attached to the bridge or the top, and lacks true acoustic resonance and ambiance. True acoustic guitar tone that you hear on recordings only exists in the recording studio where experienced sound engineers have the means to capture that sound.

Yamaha's new SRT system lets you create that same studio recorded sound. The system lets you choose from three different high-end mic types as well as mic positioning. It also lets you obtain more detailed sound by blending the sound with that from the piezo pickup and adjusting resonance. The SRT series brings studio quality acoustic guitar sound to the stage that will amaze your audiences.

Advanced Features for Playing Live and Recording

Three High-End Mic Types

Select from models of three microphones most-favored by recording engineers around the world. (Mic models are created using data collected from these microphones.)



These instruments incorporate Yamaha's original

A.F.R. (Auto Feedback Reduction), which automati-

cally detects the frequency causing the feedback

and applies a notch filter to suppress the problem

frequency. When feedback occurs, simply switch the

A.F.R. button ON. Up to five filters can be applied.

A. F. R.

(full left) Piezo pickup only

Professional Mic Positions

Choose miking positions close or far.





FOCUS:

On mic setting (mic positioned 20-30cm from the guitar). Captures string and body resonance clearly to deliver a fat, expansive sound and excellent projection.



WIDE:

On Mic combined with Off Mic setting (mic positioned a few meters away from the guitar). Close to the ambient sound that the ear hears when listening to a guitar. Recommended for solo and ensemble playing.

Blending Piezo and Mic Sound Sources

Blend piezo pickup and microphone sources to create a wide palette of tonal variations. Blending the sound from the piezo pickup with the sound from the built-in mic adds sharpness.



(full right) Mic sound only

Pickup/Preamplifier System for Electric Acoustic Guitars

A.R.T. Pickup System

A.R.T. (Acoustic Resonance Transducer) technology

Newly developed contact pickup

Unique multilayer structure achieves optimum dynamic balance.

Yamaha electric acoustic guitars have consistently used piezo pickups to reproduce the pure sounds of the acoustic guitar. But piezo pickups tended to overreact to changes in attack, which in turn caused distortion. To achieve ideal playability, we had to improve the way that these dynamics were controlled.

To provide a solution to this issue, the new pickup was designed with a multilayer structure consisting of six layers of different materials. This dampens excessive vibration from the topboard while picking up small resonances to achieve ideal sensitivity and outstanding dynamic balance. Also, because the pickup is fitted directly beneath the topboard, it functions as a transducer attached to the body.

Contact Pickup



A.R.T. Preamp Systems

3-way configuration

In addition to two main pickups mounted under the saddle, this system has one each on the bass and treble sides to capture the vibrations of the entire length of the strings and body, as well as the sound's bass and treble components. The pickups are laid out in such a way as to achieve clear reproduction even during high-position soloing.



Pickup System



Controls for the under bridge mounted piezo pickup are mounted on the instrument's side for optimum access. The battery compartment is also located on the side, close to the neck, to provide easy replacement.

Preamp Systems



Svstem65

System 65 features an under-saddle piezo pickup developed by Yamaha. Controls include a 3-band equalizer, an adjustable mid-range frequency control, and a precision chromatic tuner for optimum sound tailoring. The system is powered by easy to obtain AA-size batteries that provide a stable power supply for improved sound quality.



This is a tuner-equipped version of System55. The chromatic tuner is accurate, easy to use and easy to view. You can use the tuning mode by pressing a single button even if you have no cable connected. Turning the tuner on or off will not affect the output in any way.

The tuner also comes with a one-minute auto-off timer to save battery power.

System53 for FX310A

One-way active preamp and piezo pickup system includes separate bass and treble tone controls plus a gain control for flexible sound shaping. Battery check switch and indicator also included.



System58/46N/48

One-way system includes a 3-band equalizer with an adjustable midrange frequency control and master volume. System 46N/48 are optimized for use with nylon string guitars. The functions are the same as those of System58.





LL SERIES ORIGINAL JUMBO BODY

The L-Series are Yamaha's flagship line of acoustic guitars-instruments loved by artists from a wide range of musical genres. The LL Series sound has been polished and refined over the years through the advice of artists from all over the world. They deliver rich volume, clear resonance, excellent projection, a wide dynamic range, and a well-defined tone. High-end models are handcrafted and feature our A.R.E. (Acoustic Resonance Enhancement) technology on tops made from select materials. These are hallmark instruments designed and crafted especially for professionals.

Model Тор Back / Side Neck Soundhole Rosette Body Binding



*A.R.E. stands for Acoustic Resonance Enhancement. Please refer to page 38 for more details.



	LL36	LL26	LL16/16-12/16-L	LL6					
	Solid Engelman	Spruce A.R.E*	Solid Engelman Spruce						
		Solid Rosewood		Rosewood					
	Mahogany, P	adauk (5ply)	Mahogany, Ro	osewood (3ply)					
	Abalone & Wood	Wood(Black & White)	Aba	lone					
	Maple & Abalone	Maple	Ivo	ry					
_									



The grand auditorium sized LS body has a long history. Its compact body with full size body depth offers excellent volume that cannot be found in compact body guitars. Its wellbalanced tone and beautiful resonance are perfect for finger style playing. High-end models are handcrafted and feature our A.R.E. (Acoustic Resonance Enhancement) technology.

Model	LS36	LS26	LS16	LS6						
Тор	Solid Engelmar	n Spruce A.R.E*	nan Spruce							
Back / Side		Solid Rosewood								
Neck	Mahogany, P	adauk (5ply)	Mahogany, Rosewood (3ply)							
Soundhole Rosette	Abalone & Wood	Wood(Black & White)	hite) Abalone							
Body Binding	Maple & Abalone	Maple	Ivory							

LJ SERIES MEDIUM JUMBO BODY

The medium jumbo sized LJ is designed to rest securely yet comfortably on the guitarist's leg when seated. It produces a low range with great presence, a wide dynamic range, and clear tone with excellent response that plays well whether strumming or playing lead. High-end models are handcrafted and feature our A.R.E (Acoustic Resonance Enhancement) technology.

Model
Тор
Back / Side
Neck
Soundhole Roset
Body Binding



Series



	LJ36	LJ26	LJ16	LJ6						
	Solid Engelman	Spruce A.R.E*	Solid Engelman Spruce							
		Solid Rosewood		Rosewood						
	Mahogany, P	adauk (5ply)	Mahogany, Ro	sewood (3ply)						
	Abalone & Wood	Wood(Black & White)	Aba	lone						
	Maple & Abalone	Maple	Ivo	ry						
_		1		5						





FG SERIES TRADITIONAL WESTERN BODY

Around for over 40 years now, the FG Series offers outstanding quality throughout with features like non-scalloped X-bracing and reverse L block neck joints, which were originally developed for the "L" Series guitars. Solid tops provide excellent cost performance and extended quality while delivering the clear sound characteristic of the FG series. All in all, an excellent instrument truly enjoyable to play.



Natural (NT)

Vintage Cherry Sunburst (VCS)



Head Design

Real mother-of-pearl inlay on the head-stock is standard on all models and adds a touch of class not found in this price range.



Neck Block

Yamaha's original "L" block design offers faster transfer of string vibration to the guitar's body for greater depth and/tone while enhancing stability around the neck joint.



Large Bridges The large bridge offers greater transfer of string vibration to the body producing a tight and clear mid-range with full, bal-anced tone. Smooth lines and edges keep the playing surface unencumbered.



FG SERIES TRADITIONAL WESTERN BODY

These instruments deliver outstanding cost performance with quality features like nonscalloped X-bracing and reverse L block neck joints.

Model	FG750S	FG740SFM	FG730S	FG720S/720S-12/700SL	FG700S/700MS					
Тор			Solid Spruce							
Back / Side	Flamed	l Maple	Rosewood	Nato						
Soundhole Rosette	Rosewood & Mahogany	Aba	lone	Black & White Multi						
Body Binding	Rosewood		Black							

FS SERIES SMALL BODY F SERIES

The FS line is a compact version of the FG

Series. Designed with a full-sized body depth

delivers rich low-end tone that contradicts its

compact size. Its short scale makes it an ex-

cellent choice for guitarists with small hands.

FS720S Model Тор Solid Spruce Back / Side Nato Soundhole Rosette Black & White Multi Body Binding Ivory



FG700S/700MS



The F Series is based on our FG Series	Model	F370	F310
guitars and delivers outstanding dura-	Тор	Spr	uce
bility and excellent cost performance.	Back / Side	Nato	Meranti



Tobacco Brown Sunburst (TBS)

Natural (NT)

F310P

Package Model of F310/F310TBS

CONTENTS: Gig bag, Pitch pipe, String set, Strap, String winder, Capo, Picks Color: Natural (NT), Tobacco Brown Sunburst (TBS) Not available in the U.S.





The new JR2 is a compact acoustic guitar modeled after our long selling FG series. Its compact size and authentic acoustic tone make the JR2 an excellent take along, play anywhere guitar. Great for campfire sing alongs, road trips, or anywhere you want to be able to play. A mahogany finish back offers A mahogany finish UTF back & side offers beautiful looks and the instrument comes with a durable case.



JR SERIES COMPACT SIZE GUITAR

Model	JR2	JR1							
Тор	Spruce								
Back / Side	Mahogany Finish UTF (Ultra Thin Film)	Meranti							

L Series Common Features





8 Cutaway Body 1 Tuners The vintage style brass tuners Venetian cutaways offer access found on all #26 model guitars to the upper frets while adding present these instruments with beauty to these fine instruments. a classic look



2 Multi-Ply Neck Designs

The five-piece necks on the #36 and #26 models are carved from a single laminated block that features two layers of padauk-an extremely hard wood used for marimba tone bars-sandwiched between three layers of mahogany. This design creates a neck that is exceptionally strong and stable-great for those players who prefer low string height. The #16 and #6 model instruments utilize similar 3-ply design of rosewood between two layers of mahogany.



Cases Offer Outstanding Support and Protection

Newly developed hard and form cases are designed to provide your L-Series guitar with excellent support and protection. They offer a stress-free environment that will extend the life of your valuable instrument while keeping it safe.



6

6



All L-series guitars benefit from a new non-scalloped bracing design that delivers tone that is thick and well focused. The #36 and #26 model instruments add a square bracing design which utilizes side braces to connect the brace closest to the sound hole on the top, to its opposite brace on the back. This arrangement transmits string resonance to the back much quicker, causing the entire instrument to come alive with bass response, which the player feels as well.



6 Body Selection Whether you prefer a full-sized LL original jumbo, small sized LS body, or medium jumbo-sized LJ, the choice is yours. Each of these body styles is represented in each class letting you choose the instrument that meets your requirements for sound, style, and affordability.



6 Bridge The bridges on all new L-Series guitars offer more overall mass than their predecessors to deliver greater tone from these instruments. Their designs feature smooth lines and edges to keep the playing surface unencumbered.

A.R.E. (Acoustic Resonance Enhancement)

A.R.E. (Acoustic Resonance Enhancement) is an original wood reforming technology developed by Yamaha. Instruments made with woods processed with this technology produce a tonal richness that is like vintage instruments that have been played for years. This technology is currently applied to the tops on L Series 6 model acoustic guitars (pages 26,27,28) and LX Series 9 model acoustic electric guitars (pages 4,5,6).

A.R.E technology uses precision controlled humidity and temperature to manipulate the molecular properties of the wood into a more acoustically ideal condition (similar to the molecular characteristics of woods in instruments that have been played for years). The process is chemical free making it an environmentally friendly process as well.

The following alterations lead to their corresponding acoustically ideal conditions.

· Enhanced low range sustain produces rich sound and thick tone. · Increased high range response and decay produces a sharper tone and simultaneously controls dissonance.

The graphs shown below are from actual acoustic spectral measurements taken under controlled conditions with a current L series guitar and a new L series guitar with A.R.E.

Notice the enhanced low range sustain and improved high range attack on the A.R.E. guitar. It is also clear that high range dissonance has a shorter delay after the attack. This is hard proof that A.R.E. is effective at producing the desired changes in the wood's acoustic characteristics. These instruments have received high marks from a great number of musicians. Most of their evaluations are identical to evaluations for guitars that have been played for years. Comments such as "excellent resonance", "warm", "mature", "well settled", and "clear" were common terms used in the evaluations.



Accessories

YT-250 YT-150 GUITAR/BASS AUTO TUNER CHROMATIC TUNER

YT-100 GUITAR/BASS AUTO TUNER



· Indicators: Pitch indicator, Tuning guides • Tuning Notes: GUITAR 7B. 6E. 5A. 4D. 3G. 2B. 1E BASS LB, 4E, 3A, 2D, 1G, HC Input: Input jack(6 monaural). Built-in microphon · Power Source: Two AAA(R03/LR03) batteries Dimensions: 97(W) X 50(H)X 18(D)mm (3.8" X 2.0" X 0.71"



Yamaha tuners offer quick and accurate tuning of your instruments. Tuners are equipped with built-in microphones for easy tuning or electric instruments can be connected directly to the tuner. Easy to read indicators facilitate quick and accurate tuning.

37 YAMAHA ACOUSTIC GUITARS





· Patents already registered

Japan Patent # 3562517 United States # US6667429 B2 and other countries

Patents Pending

Europe (20 countries)

QT-1/QT-1B/QT-1BR QUARTZ METRONOME OT-B Rear Pane OT-1 brown

The QT-1 quartz metronome offers soft or bright sound settings, volume control and a flashing LED atop its unique design. Tuning notes over a one octave range are provided in half-step increments with adjustable standard pitch.





Yamaha Acoustic Guitars Essential Knowledge and The Yamaha Difference

Yamaha's true strengths as a guitar maker are not apparent in product brochures or specifications, but they are clearly reflected in the sound, playability, dependability, and overall quality of every guitar that bears the Yamaha name. "The Yamaha Advantage" includes information that will hopefully provide a clearer picture of the prodigious resources and effort that give artists who choose Yamaha a significant musical advantage.

Woods





Elements of Sound

Bracing – thin strips of wood glued to the underside of the guitar's top - is, in addition to the type and cut of the wood used, one of the most important elements influencing the guitar's volume and tone. Bracing applied to the back and sides also has an effect on sonic performance. The bracing configuration used can mean the difference

between the success or failure of an instrument, and ideally will comple-

ment and enhance the qualities of the woods used and the instrument's overall design. Too much bracing or braces that are too heavy will result in a dead sounding guitar. At the other extreme - too little bracing or braces that are too light - the guitar might sound unfocused and boomy, and the top may be prone to distortion and breakage.



L Series Non-scalloped, 90° X-type bracing. 8 nonscalloped braces deliver tone that is thick and well focused.

FG/FS Series

Non-scallop, X-type bracing design. Delivers deep lows full of presence that are unique to the Yamaha sound, and a clear upper end. Response is clear and tight.

APX Series Non-scalloped X-type bracing design. Delivers a well-balanced sound when played acoustically. Oval soundhole offers thicker middle highs that are unique to the APX sound.

Craftmanship

Even with the advanced manufacturing technology available today it simply isn't possible to entirely automate the production of first class acoustic guitars. The complexity of the task in addition to the need for constant awareness of the materials being used and the ability to minutely adjust for variations is beyond the scope of available technology.

Machines do play a vital role, but there is no substitute for the skill and sensitivity of experienced craftsmen at many stages during the production of fine musical instruments.

In addition to factories in Japan, Yamaha operates guitar factories in China and Indonesia that are run in the same way. From raw materials to production processes, Yamaha maintains the same demanding standards at all factories to ensure that every instrument that bears the Yamaha logo delivers the fit and finish plus the sound and playability that we intend and our customers have come to expect.







CPX Series

Non-scalloped, X-type bracing positioned closer to the sound hole enhances low-end. Overall rich sound with good response and powerful lows.

Quality Control from concept to service

Yamaha takes the concept of "quality control" way beyond simply checking finished products for defects. In fact, Yamaha maintains dedicated staff and certified world-class facilities that are devoted solely to quality control, ensuring that all products are designed, developed, manufactured, shipped, and serviced with maximum quality maintained throughout the entire process. The Yamaha quality control process can be broadly divided into 6 phases that begin at a guitar's conception and continue for long after it is sold and in the player's hands.

1: Virtual Review - Creating Quality on Paper 2: Initial Prototype - Ideas Become Reality 3: Pre-production Prototype – Refining the Process 4: Production - Non-stop Quality Control 5: Spot Checks and Feedback from the Field -Continued Vigilance 6: In the Player's Hands – Lasting Quality



Since quality cannot be fully assured on the basis of theory alone, it becomes necessary to subject actual instruments and parts to "controlled abuse" that tests their actual performance, stability, and reliability to extremes. Yamaha maintains a number of facilities dedicated to physical testing and quality control - including the world-class Yamaha Quality Support Center that houses some of the most advanced and sensitive testing facilities for electronic devices available anywhere, plus some tortuous durability tests that are almost shocking in their severity.

The Ultimate Goal

The ultimate goal of Yamaha quality control is total customer satisfaction. That not only means delivering guitars that are stable and reliable, but also instruments that fulfill the player's musical needs and are capable of growing and improving along with the player. And when a problem occurs, responsive and effective support becomes an essential element of the quality equation as well. Easier said than done. Like the products themselves, quality management must continually evolve to keep pace with continuously changing markets, user needs, and technology. Yamaha is right at the leading edge.





YASH (Yamaha Artist Services Hollywood)

Yamaha's goal is to create guitars that ideally meet the real world needs of professional and ama cians who depend on their instruments for their livelihood, art, and enjoyment. Acquiring feedback di from and cooperating with players in the development of designs and features is the most meaningful, effective way to refine the instruments we produce. With that understanding, Yamaha places great emphasis on communicating with players and providing opportunities for them to evaluate instruments and suggest improvements.

YASH is located at the heart of the LA music scene. Most artists are keenly aware of their own needs as well as those of other musicians around them, and are usually happy to evaluate prototypes and share ideas and opinions on how instruments can be improved whenever the opportunity arises. Thus the quality of Yamaha guitars is not only dependent on the designers, craftsmen, and support staff at Yamaha's guitar divisions and factories, but also to a large degree on the players who use them.









Specific	optione												1	L Se	ries												
pecimi		LLX36C	LSX36C	LdX36C	NEV LJX26CP	LLX26C	LLX26	LSX26C	LdX26C	NEV LJX16CP	91XTT	LLX6A	LJX6CA	LL36	LIS36	Ld36	LL26	LS26	Ld26	1116	LL16-12	LL16L	LS16	LJ16	9TT	LS6	Ld6
Top	Solid Engelmann Spruce A.R.E	•	•	•	•	٠	٠	•	•	•				•	•	•	٠	•	•								
	Solid Engelmann Spruce										•	•	•							•	•	٠	•	•	٠	•	•
Back & Side	Solid Rosewood	•	•	•	•	•	•	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•			
	Rosewood											•	•												•	•	•
Neck	5ply (Mahogany,Padauk)	•	•	•	•	•	•	•	•					•	•	•	•	•	•								
	3ply (Mahogany, Rosewood)									•	•	•	•							•	•	٠	•	•	•	•	•
Finger Board / Bridge	Ebony	•	•	•	•	٠	٠	•	•	•	•	•	٠	•	•	•	٠	•	٠	•	•	٠	٠	•	•	٠	•
Body Depth	100 -125 mm (3 15/16"- 4 15/16")	•		•	•	٠	٠		٠	•	•	•	٠	•		•	•		٠	٠	•	٠		•	•		•
	100-120 mm (3 15/16"- 4 3/4")		•					•							•			•					•			•	
Nut Width	44 mm (1 3/4") LL16-12: 46 mm (1 13/16")	•	٠	•	•	٠	٠	•	٠	•	•	•	٠	•	•	•	•	•	•	•	•	•	•	•	•	•	•
String Lengh	650 mm (25 9/16") LL16-12: 634 mm (25")	•	•		•	•	٠	•	•		•	•	•	٠	•	•	٠	٠	•	•	•	•	•	•	٠	٠	•
Tuning Machine	Die-cast Gold	•	•	•						•	•	•	•	٠	•	•				•	•	•	٠	٠	٠	٠	•
	Open Gear (Vintage Finish)				•	•	٠	•	•								•	•	•								
Color	NT	•	•	•	•	•	٠	•	•	•			•	٠	•	•	٠	•	•	•	•	•	٠	•		•	•
	NT, T, BS																								•		
	NT, BS, TBS, BL										•	•															
Finish	Gloss (Nitrocellulose Lacquer)	•	•	•										•	•	•											
	Gloss				•	٠	٠	•	٠	•	•	•	٠				٠	•	٠	•	•	•	٠	•	•	٠	•
Preamp	System62 SRT				•					•																	
	System60 3way A.R.T.	•	•	•		•	•	•	•		•																
	System57CB 3way A.R.T.											•	•														
Standard Accessory	Hard Case	•	•	•	•	•	•	•	•					•	•	•	•	•	•								
	Form Case									•	•	•	٠							•	•	•	٠	•	•	•	•
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									FG	X/FI	K/FG	/FS/	/F/J	R Se	ries							
		FGX730SC	FGX720SCA	FSX730SC	FSX720SC	FJX730SC	FJX720SC	FX370C	FX310A	FG750S	FG740SFM	FG730S	FG720S	FG720S-12	FG720SL	FG700S	FG700MS	FS720S	F370	F310	JR2	Ē
Тор	Solid Spruce	•	•	•	•	•	•			•	•	•	•	•	•	•	•	•		-		
	Spruce							•	•										•	•	•	
Back & Side	Nato		•		•		•	•					•	•	•	•	•	•	•			
	Rosewood	•		•		•						•										
	Meranti								•											•		\square
	Flamed Maple									•	•											
	Mahogany Finish UTF (Ultra Thin Film)																				•	
Neck	Nato	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Finger Board/Bridge	Rosewood	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Body Depth	100 -125 mm (3 15/16"- 4 15/16")					•																
	100-118 mm (3 15/16"- 4 5/8")	•	•							•	•	•	•	•	•	•	•					
	100-120 mm (3 15/16"- 4 3/4")			•	•													•				1
	96-116 mm (3 3/4"- 4 9/16")							•	•										•	•		
	80-90 mm (3 1/8"- 3 9/16")											<u> </u>				<u> </u>				<u> </u>	•	\vdash
Nut Width	43 mm (1 11/16")	•	•	•	•	•	•		•	•	•	•	•		•	•	•	•	•	•	•	
	46 mm (1 13/16")		-	-	-	-		•	-			-	-	•		-	-		-			+
String Lengh	650 mm (25 9/16")	•	•			•	•			•	•	•	•	-	•	•	•					-
	634 mm (25")			•	•			•	•					•				•	•	•		+
	540 mm (21 1/4")		-	-	-			-	-										-		•	\vdash
Tuning Machine	Die-cast with Vintage Plastic Pegs		-							•											-	-
0	Die-cast Chrome (TMW28)													•								+
	Die-cast Chrome (TM29T)	•	•	•	•	•	•	•				•	•		•	•	•	•	•			+
	Covered Chrome		-		-	-	-		•		-		-				-		-	•		\vdash
	Opened Chrome							<u> </u>	-			<u> </u>				<u> </u>					•	\vdash
Color	NT, DSR, OBB, BS, BL												•								-	
	NT, DSR, CBA, TBS, BL											<u> </u>	-					•				-
	NT. TBS. BL							•											•			+
	NT, TBS VCS		-	-								•							-	•		+
	NT. BS BL	•	•	•	•	•	•					-								-		+
	NT,TBS			-	•	•															•	+
	VCS		-	-							•										-	+
	NT								•	•	-			•	•	•	•					\vdash
Finish	Gloss	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•		
r musn	Top:Gloss Back&Side:Satin	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	⊢
	Satin																-				•	-
Preamp	System58							•									•					-
ricamp	System56CB 1way A.R.T.	•	-	•		•	-	•												-		-
	System55	•	•	•	•	•	•															-
			•		•		•		-													-
Shan dand Assan	System53								•													
Standard Accessory	Gig Bag									-	-	-	-		-			-	-	-	•	
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					CI	X S	erie	s				
		CPX15II	CPX1SNI	CPX15WI	CPX15EII	CPX15SI	CPX1200	XEV CPX1000	NEV CPX700II	XEV CPX700-12II	XEV CPX500II	
Тор	Solid Spruce	•	•	•	•	•	•	•	•	•		Тор
	Spruce										•	
Back & Side	Solid Rosewood						•					
	Flamed Maple							٠				
	Nato								•	•	•	Back & Si
	Indian Rosewood	•										
	Walnut			•								
	Quilted Mahogany				•							Neck
	White Sycamore		•			•						Meck
Neck	Mahogany	•	•	•	•	•	•					
	Nato							•	•	•	•	Finger Bo
Finger Board/	Ebony						•					Bridge
Bridge	Indian Rosewood	•	•	٠	•	•						Body Dept
	Rosewood							•	•	•	•	
Body Depth	95-115 mm (3 3/4"-4 1/2")	•	•	•	•	•	•	•	•	•	•	Nut Width
Nut Width	43 mm (1 11/16")	•	•	•	•	•	•	•	•		•	
	46 mm (1 13/16")									•		String Lei
String Lengh	650 mm (25 9/16")	•	•	•	•	•	•	•	•			
	634 mm (25")									•	•	musles of Mr.
Tuning Machine	Die-cast Gold (TM-29GB)						٠					Tuning Ma
	Die-cast Gold (SG-301)	•	•	٠	•	•						
	Die-cast Gold (TM-29G)							•				
	Die-cast Chrome (TM-29-T)								•		•	
	Die-cast Chrome (TMW28)									•		Color
Color	VS, TBL						•					COLOF
	NT, TBL,BS,UM							•				
	NT, BL, DSR, SDB, T								•			
	NT, BL ,OVS, DRB										•	
	NT	•								•		
	BW		•									
	AVS	_		•								
	SDB	_			•							
	MOB	_				•						Finish
Finish	Gloss	•	•	•	•	•	•	•	•	•	•	Preamp
Preamp	System59 3way A.R.T.	•	•	•	•	•			-			camp
	System62 SRT	_					•					
	System63 SRT							•			_	
	System64 1way A.R.T	_							•	•		
04	System65	-							-		•	Standard Acc
Standard Accessory	Form Case	-	•		•	•	•	10	10	10	10	Page
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		Silent Guitar				
		NNO2132NW	NOIIBIS	SLG110S		
Body	Maple	•	•	•		
Frame	Maple/Rosewood	•				
	Maple		•	•		
Neck	Mahogany	•	•	•		
Finger Board	Ebony	•				
	Rosewood		•	•		
Bridge	Rosewood	•	•	•		
Nut Width	52 mm (2 1/16")	•				
	50 mm (2 15/16")		•			
	43 mm (1 11/16")			•		
Tuning Machine	Gold with Vintage Plastic Pegs	•	•			
	Die-cast with Vintage Plastic Pegs			•		
String Lengh	650 mm (25 9/16")	•	•			
	634 mm (25")			•		
Color	LAB	•				
	NT, BM, TBS		•	•		
Pickup	B-BAND	•	•			
	L.R.BAGGS			•		
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		APX Series								
		APX1200	NEV APX1000	APX700II	NEW APX700E-12	APX700IIL	APX500II	APX500IPM		
	Solid Spruce	•	•	•	•	•				
	Spruce						•			
	Flamed Maple							•		
	Solid Rosewood	•								
	Flamed Maple		•							
	Nato			•	•	•	•	•		
	Mahogany	•								
	Nato		•	•	•	•	•	•		
	Ebony	•								
	Rosewood		•	•	•	•	•	•		
	80-90 mm (3 1/8"-3 9/16")	•	•	•	•	•	•	•		
	43 mm (1 11/16")	•	•	•		•	•	•		
	46 mm (1 13/16")				•					
	650 mm (25 9/16")	•	•	•		•				
	634 mm (25")				•		•	٠		
е	Die-cast Gold (TM-29GB)	•								
	Die-cast Chrome (TMW-28)				•					
	Die-cast Chrome (TM-29T)			•		•	•	•		
	Die-cast Chrome (TM29G)		•							
	NT, TBL	•								
	NT, MBL, PW, CRB		•							
	NT, BL, SDB, BS, VS			•						
	NT, BL, OBB, OVS, VW, RM						•			
	NT					•				
	NT, BL				•					
	OVS							•		
	Gloss	•	•	•	•	•	•	•		
	System 62 SRT	•								
	System 63 SRT		•							
	System 64 1way A.R.T			•	•	•				
	System 65						•	•		
•	Form Case	•								
		12	12	12	12	12	12	12		

