

Technical Specs

DG DE GREGORIO®

DE GREGORIO® MADE IN SPAIN

PERCUSIONES DG S.L. Carrer de la Gran Bretanya, 33 - Igualada 08700 Barcelona - España tel. +34 630838256 www.cajondg.com - contact@cajondg.com

TECHNICAL SPECS

In this section we offer a detailed chart for every cajón model, with descriptions regarding size, weight, sound typology, special features and maintenance. All our instruments are varnished using a double coating process of polyurethane matte, and are manufactured in Spain.

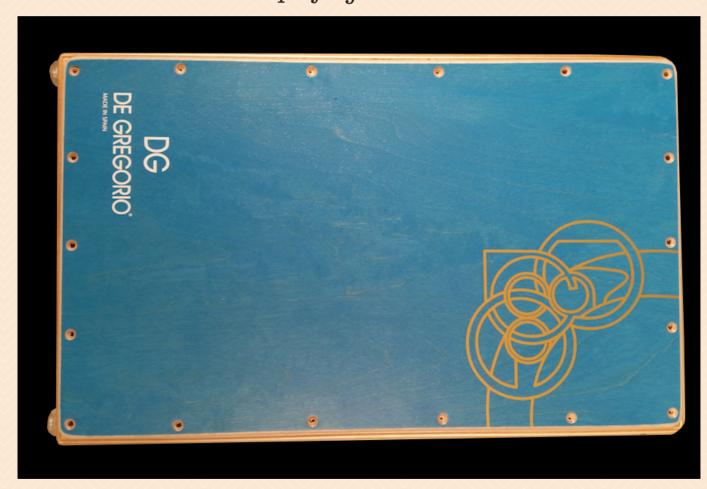
Reduced Size Tapa - RST



The Reduced Tapa Size (RTS) concept comes as a logic development of the patented Maestral idea. It basically consists in manufacturing every cajón with a slightly smaller front plate (tapa) than the actual frame of the instrument. The average cajón on the market features a front plate that is built onto the instrument, which means that the edges of the tapa and the body of the instrument match exactly with one another, as they usually undergo a contouring, sanding and varnishing process which basically couples the tapa and the body of the instrument for good. This sort of "marriage" can become a problem with time, because the two elements have a a considerably different life span. This is obvious with every other percussion instrument, such as congas, drums, timbales, so for the cajón it shouldn´t be different.



The beating surface, which is thinner than the rest of they cajón will receive a constant stress, so it will wear out faster than the resonating box. It could be because the material of the tapa and the body of the instrument is wood in both case, but the fact is that most manufacturers make cajons as a unique object, with tapa and body of the instrument finished and bound together. In those cases, when the tapa wears out due to the prolonged percussive action, it is difficult to change it over, because the new front plate would have to be contoured and sanded again on top of the instrument, but not every percussionist may have the adequate tools or the necessary skill to do that. The RTS system overcomes this problem: by reducing slightly the size of the tapa, it becomes possible to fit it onto the body of the cajón without disrupting response from the instrument or playing comfort.



We make sure that every front plate will fit with every cajón, because the shape and hole positioning is made with a computerised machinery and procedure. The receiving holes on the cajón are also placed with a computerised procedure, so a new front plate will match exactly into the cajón that you have, perfectly straight and centred. This will save money in the long run, and it also allows room for changing finishes and types of materials.

Removable Snare System - RSS



The RSS is a very useful feature in the cajón, because snares are a sensitive element of the instrument, so it is important to keep it in perfect functioning mode. Playing the cajón involves hand percussion, therefore the beating surfaces and elements of the snare are subject to stress and a wearing action. It obviously depends on the strength and frequency of playing for each person, but it is likely that at some point the snare can be damaged, as well as the front panel (Tapa). DG cajons are designed to last for a long time, and allow both snares and Tapa replacement. The RSS is a special snare design that we use on all our professional cajón models, which allows the replacement of each single snare, without having to remove the front panel. It consists of a double set of small wooden blocks that host the guitar string, used as a snare.



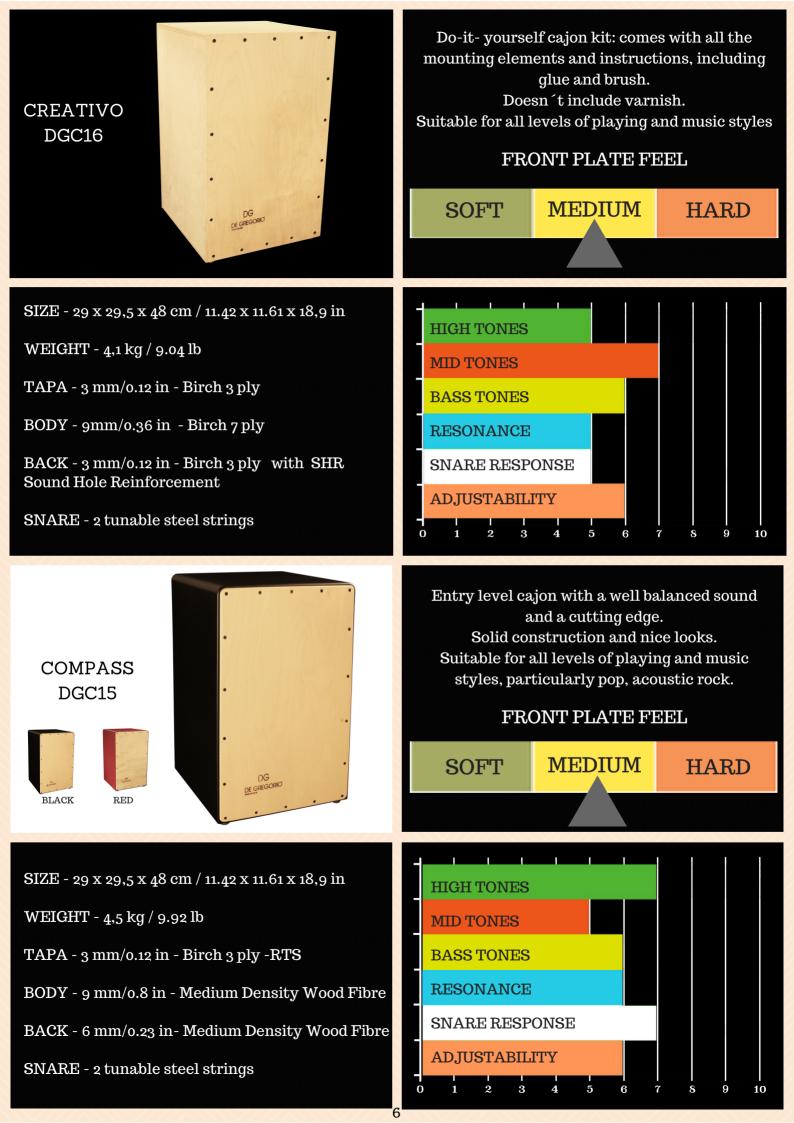
Each string enter from one of the rear holes of the top block, exits the front hole and passes then through the bottom block (the one with two metallic posts) to finally enter the top block again. The snare string is then secured with a knot at the exit hole of the top block.

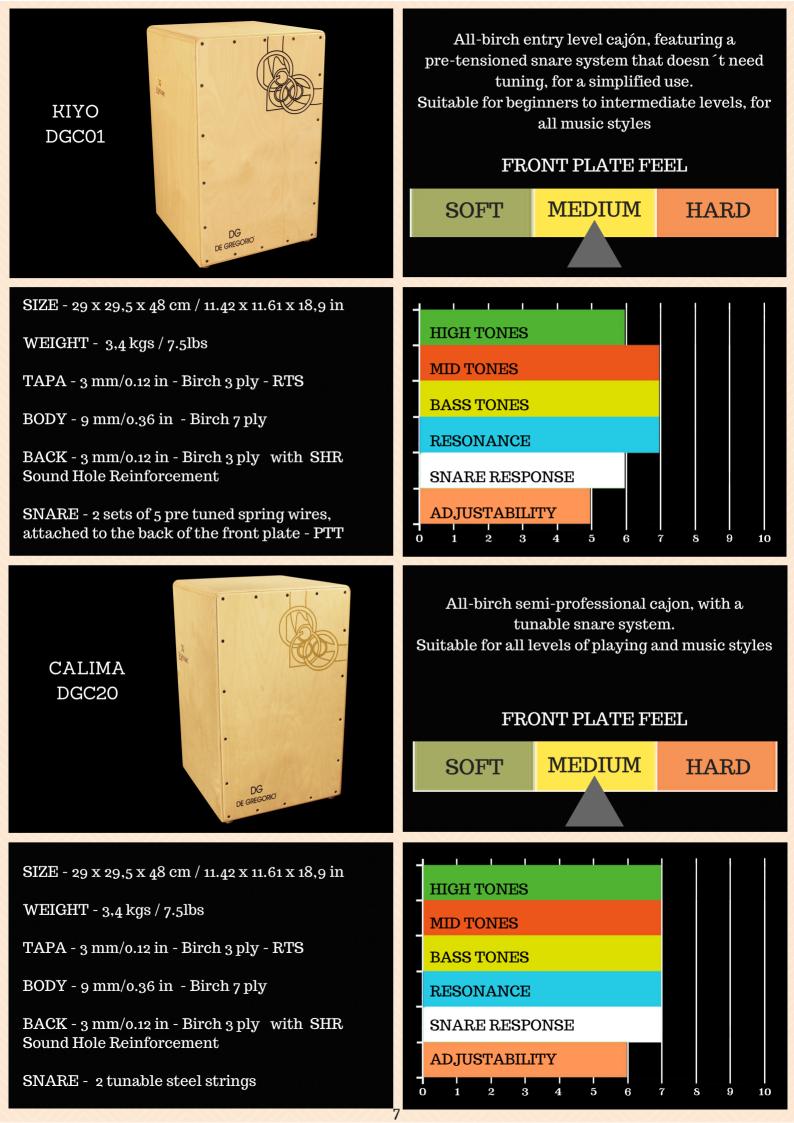
The two blocks are meant to be positioned inside the cajón, the top block being screwed on with the bolt placed onto the top panel of the cajón, and secured by the inner wing nut and washer, which have to be tightened all the way. The upper block is the fixed element in the tuning system that applies to these snares: the top bolt and wing nuts are not involved in adjusting the amount of snare tension. That operation can only be made from the bottom, because those bolts are designed to enter a pass-through metallic thread placed on the tensioning block. Each bottom block features a counter-tensioning spring, that prevents the bolt to turn loose.

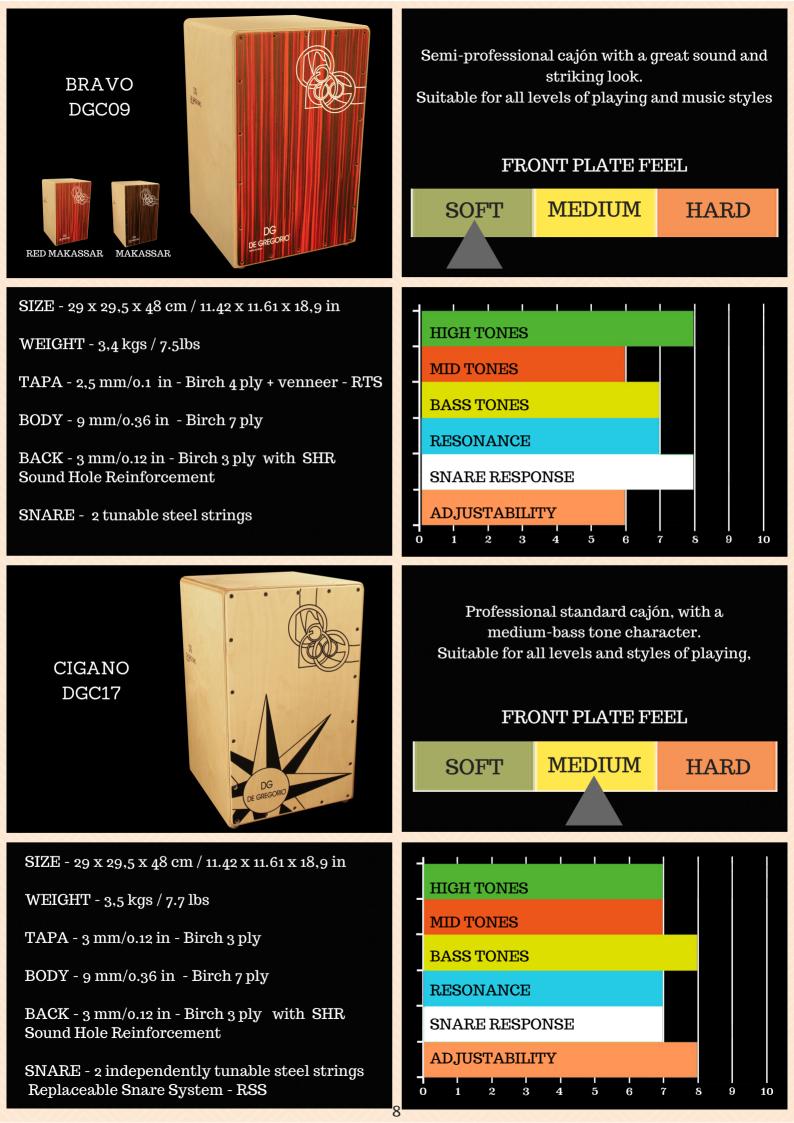
Sound Hole Reinforcement - SHR

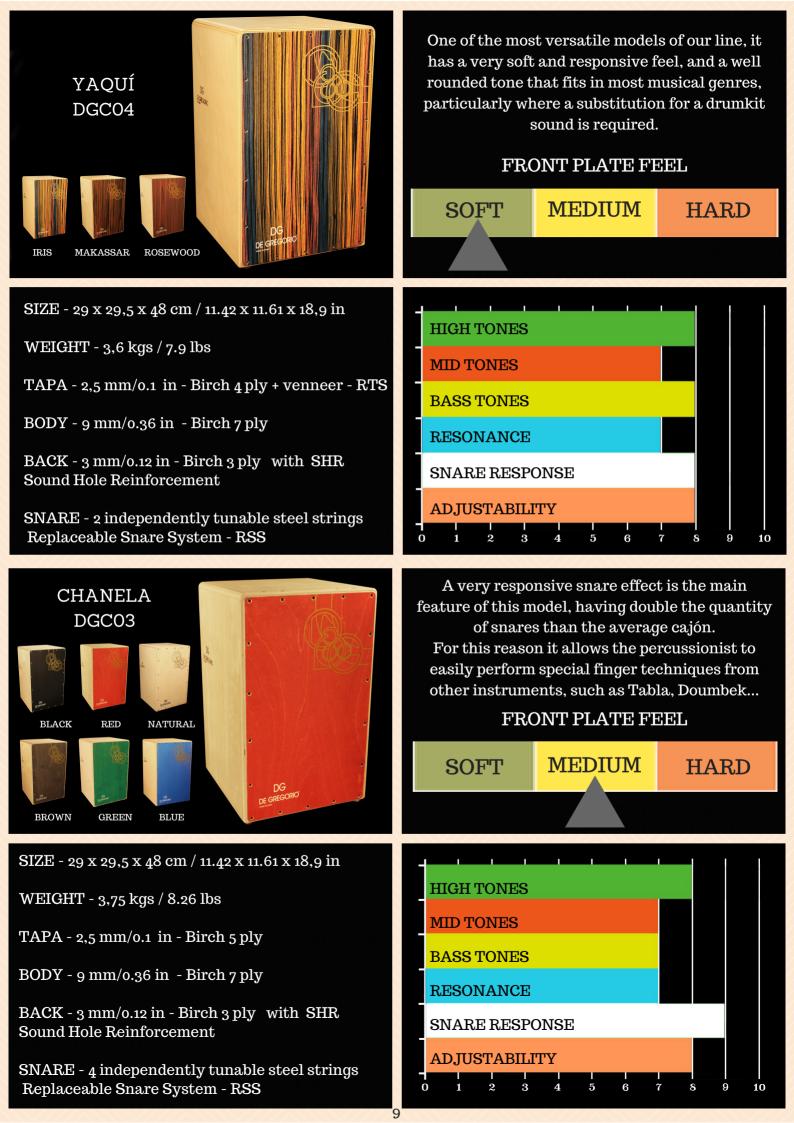


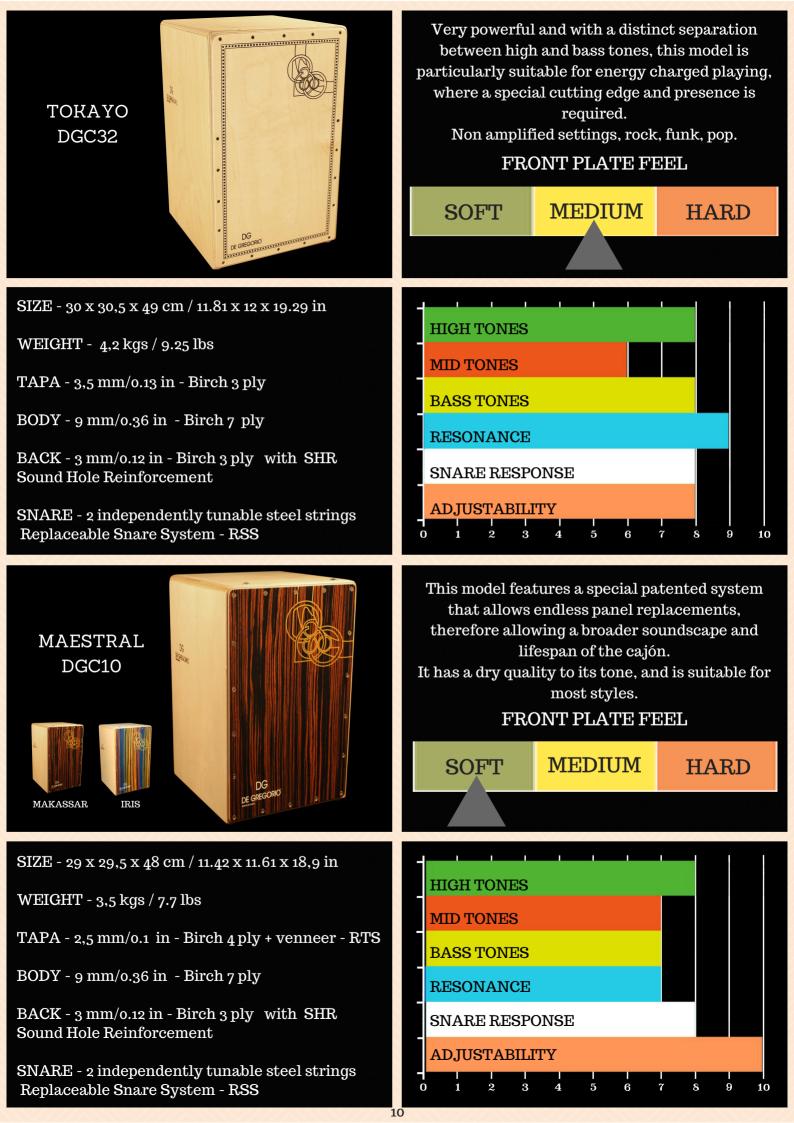
Most of our models feature a 3 mm thick back panel: a reduced thickness of the resonant panel contributes towards a rounded, "fat" bass tone, but it can become also a structural weak point of the cajón, espicially considering the fact that the back hole is the only point where the percussionist can pick the instrument when he wants to move it around. For this reason we apply a 9 mm /0.35 in square plywood reinforcement right where the hole is going to be carved, in order to obtain both, solidity and resonance.



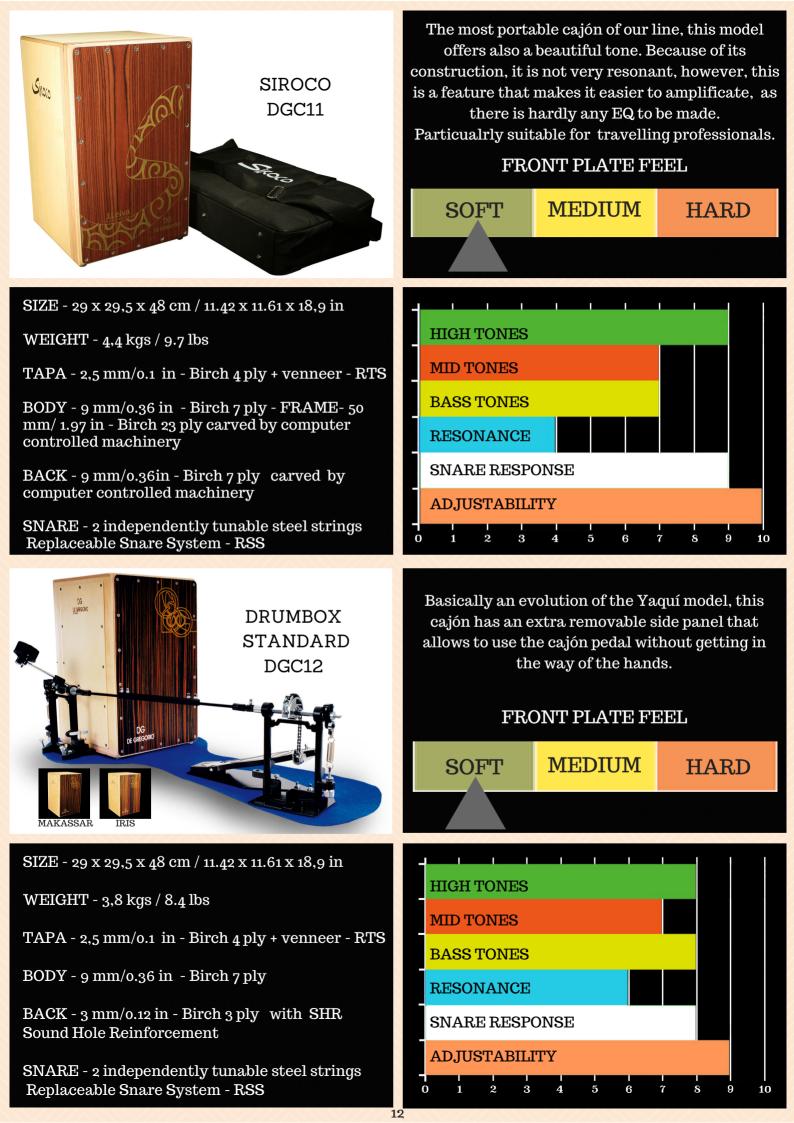


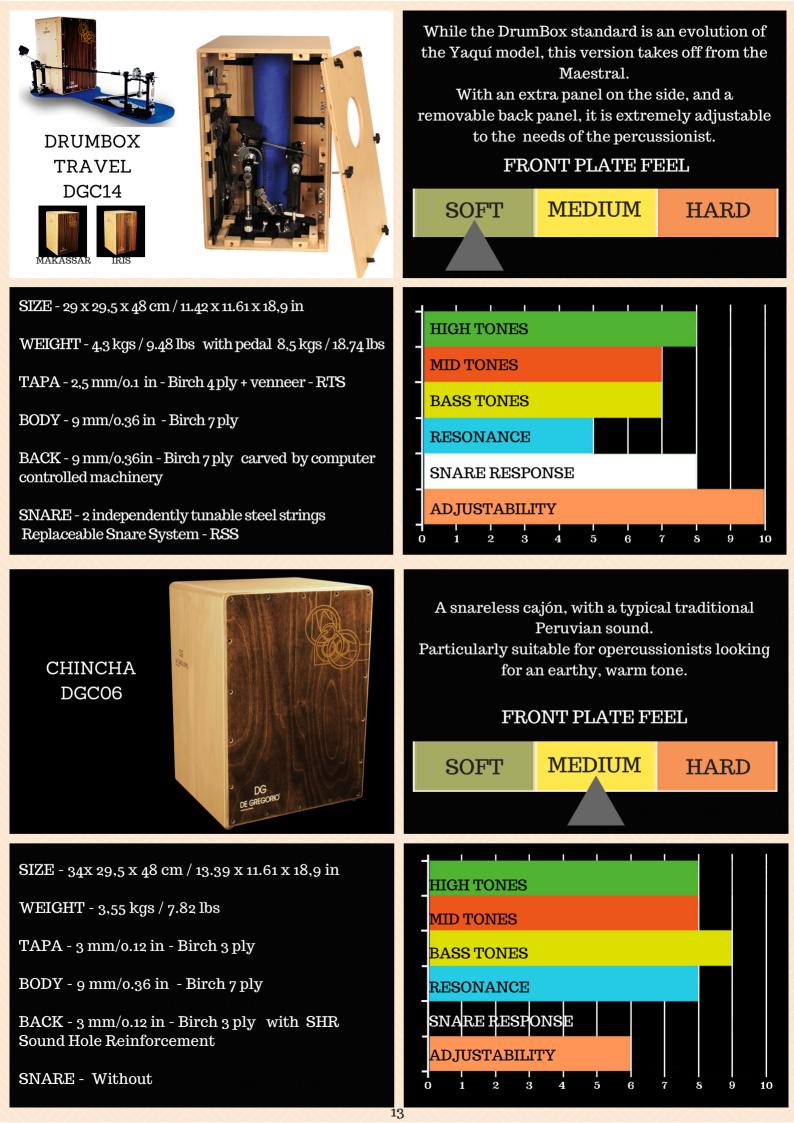


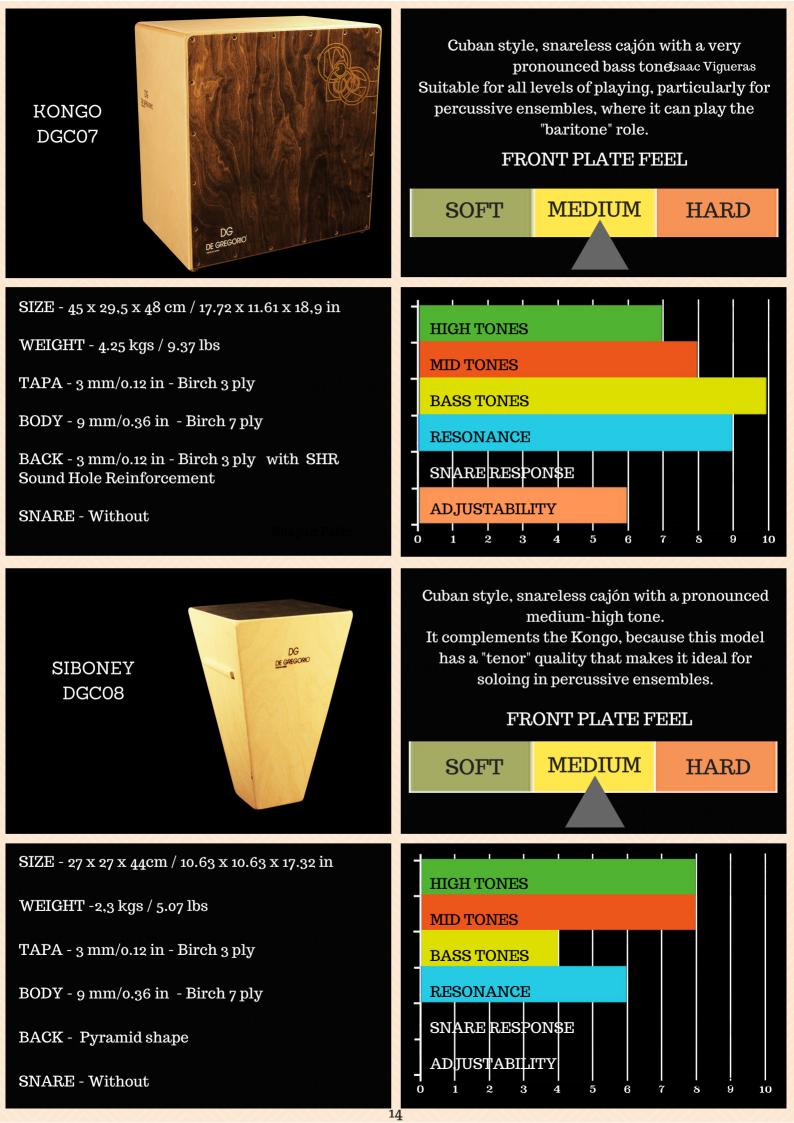








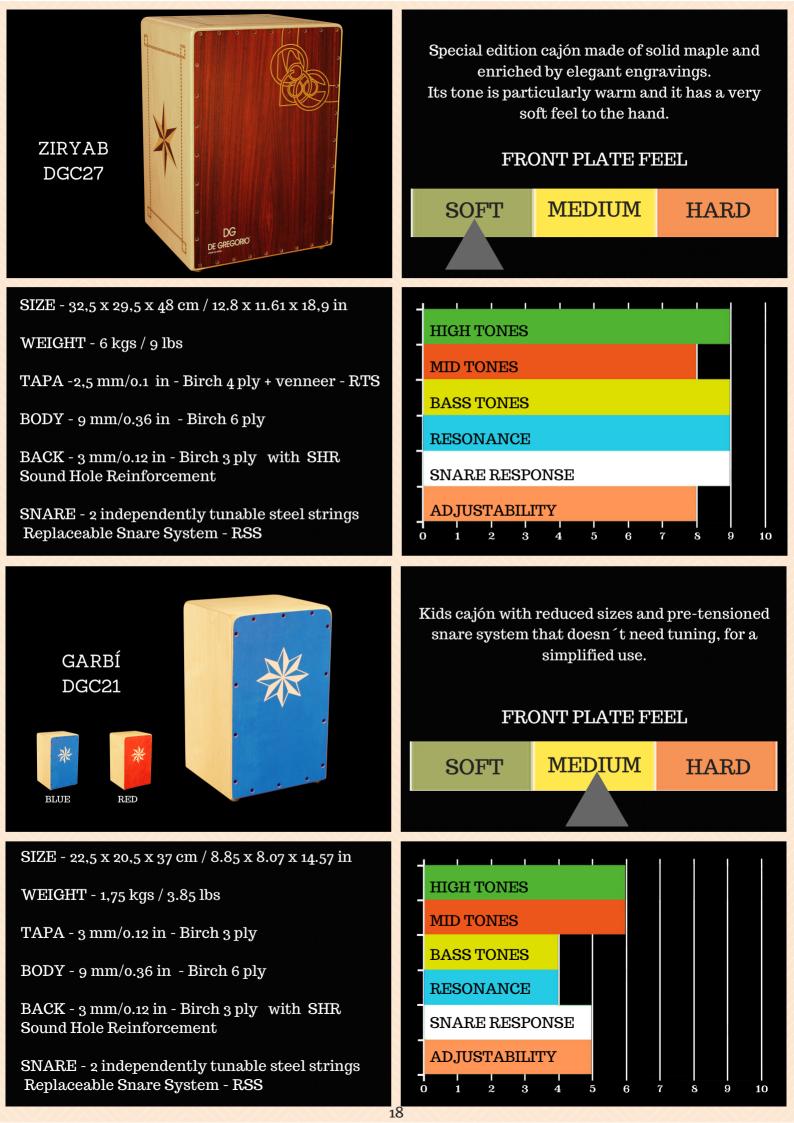




YAQUÍ DE LUXE DGC25	This is an enhanced version of the Yaquí. The augmented body width, is being compensated by an increased panel thickness of 0,5 mm, thus providing deeper bass tones, while maintaining the snare response and panel feel. Solid wood delivers extra quality to the sound. FRONT PLATE FEEL SOFT MEDIUM HARD
SIZE - 32,5 x 29,5 x 48 cm / 12.8 x 11.61 x 18,9 in WEIGHT - 6 kgs / 9 lbs TAPA - 3 mm/0.12 in - Birch 5 ply + venneer - RTS BODY - 9 mm/0.36 in - Carved solid Sipo Mahogany BACK - 3 mm/0.12 in -Carved solid Sipo Mahogany SNARE - 2 independently tunable brass strings Replaceable Snare System - RSS	HIGH TONES MID TONES BASS TONES BASS TONES RESONANCE SNARE RESPONSE ADJUSTABILITY 0 1 2 3 4 5 6 7 8 9 10
CHANELA DE LUXE DGC26	This is an enhanced version of the Chanela. We increased body width, providing deeper bass tones, while keeping the same panel thickness, so it feels softer compared to the standard version, while snare response is maximum. Solid wood delivers extra quality to the sound. FRONT PLATE FEEL SOFT MEDIUM HARD
SIZE - 32,5 x 29,5 x 48 cm / 12.8 x 11.61 x 18,9 in WEIGHT - 6 kgs / 9 lbs TAPA - 2,5 mm/0.1 in - Birch 5 ply BODY - 9 mm/0.36 in - Carved solid Sipo Mahogany BACK - 3 mm/0.12 in - Carved solid Sipo Mahogany	HIGH TONESMID TONESBASS TONESRESONANCESNARE RESPONSE

KANYERO DE LUXE DGC28	All the qualities that you can find in the Kanyero, namely an extraordinary resonance and sound projection that comes from its wider size and carbon fibre panel, with the added bonus of that rich tone that only soild wood can provide.FRONT PLATE FEELSOFTMEDIUMHARD
SIZE - 32,5 x 29,5 x 48 cm / 12.8 x 11.61 x 18,9 in WEIGHT - 6 kgs / 9 lbs	HIGH TONES MID TONES
TAPA - 2,1 mm/0.08 in - 100% Carbon Fibre	BASS TONES
BODY - 9 mm/0.36 in - Carved solid Sipo Mahogany	RESONANCE
BACK - 3 mm/0.12 in - Carved solid Sipo Mahogany	SNARE RESPONSE
SNARE - 2 independently tunable steel strings Replaceable Snare System - RSS	ADJUSTABILITY 0 1 2 3 4 5 6 7 8 9 10
CENTAUR DGC31	With its virtually endless electronic library, this electro acoustic cajón delivers an incredible working tool for the modern percussionist, but do not underestimate its acoustic qualities, which by themselves alone are enough to put this model in the highest quality range. FRONT PLATE FEEL SOFT MEDIUM
SIZE - 32,5 x 29,5 x 48 cm / 12.8 x 11.61 x 18,9 in WEIGHT - 5,8 kgs / 12.79 lbs	HIGH TONES
TAPA -3 mm/0.12 in - Birch 5 ply + venneer - RTS	MID TONES BASS TONES
BODY - 9 mm/0.36 in - Birch 7 ply	RESONANCE
BACK - 6 mm/0.23 in - Birch 7 ply with SHR Sound Hole Reinforcement	SNARE RESPONSE
SNARE - 2 independently tunable brass strings Replaceable Snare System - RSS 1	ADJUSTABILITY 0 1 2 3 4 5 6 7 8 9 10 6

<text></text>	This is basically and improved version of the Maestral. The coated circle placed at the centre of the front panel offers an alternative sound source, and somehow makes the cajón more responsive on the soft dynamic range than the standard version. FRONT PLATE FEEL SOFT MEDIUM HARD
 SIZE - 29 x 29,5 x 48 cm / 11.42 x 11.61 x 18,9 in WEIGHT - 3,6 kgs / 7.9 lbs TAPA - 2,5 mm/0.1 in - Birch 4 ply + venneer - RTS BODY - 9 mm/0.36 in - Birch 7 ply BACK - 3 mm/0.12 in - Birch 3 ply with SHR Sound Hole Reinforcement SNARE - 2 independently tunable steel strings Replaceable Snare System - RSS 	HIGH TONES MID TONES BASS TONES BASS TONES RESONANCE SNARE RESPONSE ADJUSTABILITY 0 1 2 3 4 5 6 7 8 9 10
MANU MASAEDO SIGNATURE DGC23	Heavy duty cajón, with a very powerful sound. Especially suitable for percussionists with a highly energetic approach, and for all of those who are used to play congas or djembé.
DG DE CRECORIO	FRONT PLATE FEEL SOFT MEDIUM HARD Image: Hard state
SIZE - 32 x 29,5 x 48 cm / 12.6 x 11.61 x 18,9 in WEIGHT - 5 kgs / 11 lbs	



MINI CAJÓN DGC30



Miniature cajón with fixed snare mechanism, suitable for leisure purposes, or for the percussionist that is after a "soprano" cajón effect.

FRONT PLATE FEEL

MEDIUM

HARD

SOFT

HIGH TONES MID TONES **BASS TONES** RESONANCE SNARE RESPONSE ADJUSTABILITY

This original and patented design is the most responsive and accurate pedal for cajón available. We avoid cable driven pedals system by using a direct drive shaft. The originality consists in placing the the chain driven axis to the side of the pedal, instead of its front. The pedal is fully dismountable, and can be assembled in four different ways, that cover for either a right or left footed player, as shown on the pictures.

Weight 4,15 kgs / 9.14 lbs



Mounting option #4

SIZE - 14,5 x 8,5 x 18 cm / 5.7 x 3.34 x 7.08 in

WEIGHT - 0,33 kgs / 0.72 lbs

TAPA - 3 mm/0.12 in - Birch 3 ply

BODY - 9 mm/0.36 in - Birch 7 ply

BACK -3 mm/0.12 in - Birch 3 ply with SHR Sound Hole Reinforcement

SNARE - 2 independently tunable steel strings **Replaceable Snare System - RSS**



CAJÓN PEDAL DGC15

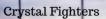




Mounting option #3



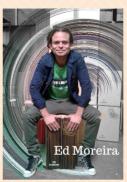




















John Blackwell





Pablo Gómez





Kike Terrór





Senri Kawaguchi

Steve White

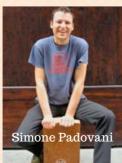
























Tom Chapman





Kim Jin Hwan



Mohamed Shabani

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