

# TC3 & TA3 TRANSACOUSTIC™

## TECHNICAL SPECIFICATIONS

TransAcoustic™

Specifications		TC3		TA3		
		Upright Pianos		Grand Pianos		
Sensor System	Key Sensors	Non-contact continuous detection electromagnetic inductive sensor				
	Hammer Sensors	-		Non-contact 2-point optical fiber sensor		
	Pedal Sensors	Damper Pedal: Continuous detection sensor, Soft/Shift Pedal: On/Off detection sensor, Sostenuto Pedal*: On/Off detection sensor				
Silencing System	Mechanism	Hammer shank stopper operated by center pedal/silencing lever*		Hammer shank stopper operated by motor drive		
Soundboard Drive System	Mechanism	TransAcoustic™ Technology (TC3 Transducer)		TransAcoustic™ Technology (TA3 Transducer)		
Voices	Tone Generation	Piano Sound	Yamaha CFX, Bösendorfer Imperial			
		Binaural Sampling	Yes (Yamaha CFX, Bösendorfer Imperial)			
	Polyphony (max.)	256				
	Preset	Number of Voices	12	25		
	Voices for Song Playback		480 XG Voices + 12 Drum/SFX Kits			
Songs (MIDI)	Preset	Preset Number of Preset Songs	12 Voice Demo Songs, 50 Classics	25 Voice Demo Songs, 50 Classics		
Recording/Playback (Audio)	Recording Time (max.)		80 minutes/Song			
	Format	Playback	WAV (44.1 kHz, 16 bit, stereo)			
		Recording	WAV (44.1 kHz, 16 bit, stereo)			
Functions	Rhythm Patterns	20				
	Overall Controls	Metronome	Yes			
		Tempo Range	5 - 500			
		Transpose	-12 – 0 – +12			
		Tuning	414.8 – 440.0 – 466.8 Hz (Approx. 0.2 Hz increments)			
	Bluetooth	Yes (Audio/MIDI) *May not have this functionality depending on your area. Check with your Yamaha dealer.				
Connectivity	Connectivity	Headphones	Stereo mini jack (x2)			
		MIDI	-		IN/OUT	
		AUX IN	Stereo mini jack			
		AUX OUT	-		[L/L+R][R] (Standard phone jack)	
		USB TO DEVICE	Yes			
		USB TO HOST	Yes			
Power Supply	AC Adaptor		PA-500 (Or an equivalent recommended by Yamaha)			
	Power Consumption		17W (When using PA-500 AC adaptor)	26W (When using PA-500 AC adaptor)		
	Auto Power Off		Yes			
Accessories	Included Accessories		AC adaptor*, power cord*, headphones, headphone hanger, attachment screws for headphone hanger, "50 Classical Music Masterpieces" music book, Owner's Manual *May not be included depending on your area. Check with your Yamaha dealer.			
	Separately Sold Accessories		USB wireless LAN adaptor (UD-WL01) *May not be available depending on your area.			