

# TCS

## Twin Compressor System

### TCS FEATURES:

- ✓ OPTICAL COMPRESSION
- ✓ VCA COMPRESSION
- ✓ EXPANDER, GATE, DE-ESSER & LIMITER INCLUDED



The TCS is a two-channel high performance compression system which features two types of compression per channel utilizing ART's Dual Topology technology.

On one hand you can choose from optical compression, like that in our Pro VLA, for that smooth transparent compression. On the other hand you might want to use a VCA based compression scheme for hard limiting. Both of these compression methods are underneath the hood of this single space rack unit. Taking it even one step further the TCS offers the breakthrough feature of stacking the VCA and the opto isolator for when you want that over the top compression, or a hard VCA limiter on your optical compressed channels.

Going beyond the idea of just a two-channel compressor, ART decided to spice up the TCS with our famous V3™ technology.

The TCS also offers the ability for the user to twist the V3 knob to a variety of settings that take some of the hassle out of compression, yet still allowing each setting to be tweaked to the material's needs.

The TCS has a long list of impressive features, including a Toroidal Transformer, XLR & 1/4" Inputs, front panel instrument input, Optical and VCA compression capabilities, side chain inserts, channel linking for when you are working on a stereo track, attack, release, threshold, and ratio knobs, de-essing, an expander/gate per channel, V3 control per channel, twin VU meters for measuring compression, twin LED input/output meter for ultra-precise level metering, and the ability to place a tube in the signal path to add some warmth to your signal.

*Ask your ART representative about the TCS Twin Compressor System today!*

- ✓ V3™ (VARIABLE VALVE VOICING) SETTINGS
- ✓ SIDE CHAIN INSERTS
- ✓ XLR & 1/4" INPUTS
- ✓ STEREO LINK
- ✓ ANALOG VU COMPRESSION METERS
- ✓ PRECISE LED LEVEL METERS WITH PEAK HOLD
- ✓ FRONT & REAR INSTRUMENT INPUTS
- ✓ TOROIDAL TRANSFORMER
- ✓ ALL STEEL CHASSIS



<b>SPECIFICATIONS</b>	Dimensions	1.75"H x 19.0"W x 6.5"D	Output Impedance	XLR, 1/4" 300 ohms (bal), 150 Ohms (unbal)
	Weight	5.5 lbs, 2.5 kg	Max Input level	+20 dBu
	Input Connections	XLR (balanced), 1/4" TRS (balanced/unbalanced)	Max Output Level	+20 dBu
	Output Connections	XLR (balanced), 1/4" TRS (balanced/unbalanced)	Frequency Response	10Hz to 150kHz, +/- 1dB
	Side Chain Connections	1/4" TRS (Tip = Receive, Ring = Send)	Dynamic Range	126 dB (typical)
	Input Impedance	XLR, 1/4" 10k ohms	Total Harmonic Distortion	0.01% @1kHz
	Instrument Input	1M ohm	Expander Slope	1.7
			Shelf Cutoffs (Low/High)	700 Hz/1.5kHz
			Transformer Type	Toroidal

### APPLICATIONS:

- Ideal For Professional and Project Studios, Field Recording, Broadcast, Multi-Media Production, Contracting, Church and Corporate and Instrument Applications.

From the innovative minds at ART.

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