

TEAC Cassette Test Tapes are manufactured in strict accordance with the IEC standard of March 1981.

- TEAC Casstte Tast Tapes can be used in virtually any calibration or alignment procedure, ranging from laboratory measurements, through to product development and quality control procedures.They can also be used to advantage in production line assembly testing and quality servicing procedures.
- All TEAC products, including our recording decks, incorporate our in-depth technical knowledge based on over thirty years of experience, and are built using the latest production techniques and equipment. The result is extremely high reliability built into all products.
- TEAC has designed and developed special high-precision shells for use with these cassette test tapes,thereby cutting azimuth loss to a minimum. The carefully-selected tape stock provides optimun performance levels.
- Each tape is individually mastered on special recording equipment, and passes through strict quality assurance procedures before it leaves our factory. This results in each and every tape meeting the stated specification, within the given tolerances.
- The end result is a test tape manufacturing procedure, which can be used to produce tapes whose characteristics can be made to match custom requirements perfectly.

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Calibration Series						
Title	Model	Recorded Contents				Application
		Time Constant	Frequency	Level	Minutes	
Flutter	MTT-111DN	3180µs & 120µs	3kHz	-4dB	30	Tape Speed Accuracy Wow & Flutter
Frequency	MTT-256R		31.5Hz~10kHz	-10dB		Level Adjustment Head Azimuth Alignment Frequency Response Test
	MTT-256C		31.5Hz~10kHz	-14dB		
	MTT-256		31.5Hz~14kHz	-24dB		
	MTT-256U	31.5Hz~18kHz	-20dB			
	MTT-356R	3180µs & 70µs	31.5Hz~10kHz	-10dB		
	MTT-356C		31.5Hz~10kHz	-14dB		
	MTT-356		31.5Hz~14kHz	-24dB		
	MTT-356U		31.5Hz~18kHz	-20dB		

Calibration Series (Ultra Multi Spot for Level Recorder)						

Title	Model	Recorded Contents				Application
		Time Constant	Frequency	Level	Minutes	
Frequency	MTT-650A	3180 μ s & 120 μ s	31.5Hz~10kHz	-24dB		Level Adjustment Head Azimuth Alignment Frequency Response Test Recorder Paper Speed 1mm/sec
	MTT-650B		31.5Hz~14kHz	-24dB		
	MTT-650C		31.5Hz~18kHz	-24dB		
	MTT-650D		20Hz~18kHz	-24dB		
	MTT-750A	3180 μ s & 70 μ s	31.5Hz~10kHz	-24dB		
	MTT-750B		31.5Hz~14kHz	-24dB		
	MTT-750C		31.5Hz~18kHz	-24dB		
	MTT-750D		20Hz~18kHz	-24dB		

Calibration Series (Multi Spot for Level Recorder)						
Title	Model	Recorded Contents				Application
		Time Constant	Frequency	Level	Minutes	
Frequency	MTT-651A	3180 μ s & 120 μ s	31.5Hz~10kHz	-24dB		Level Adjustment Head Azimuth Alignment Frequency Response Test Recorder Paper Speed 1mm/sec
	MTT-651B		31.5Hz~14kHz	-24dB		
	MTT-651C		31.5Hz~18kHz	-24dB		
	MTT-751A	3180 μ s & 70 μ s	31.5Hz~10kHz	-24dB		
	MTT-751B		31.5Hz~14kHz	-24dB		
	MTT-751C		31.5Hz~18kHz	-24dB		
Frequency	MTT-652A	3180 μ s & 120 μ s	31.5Hz~10kHz	-24dB		Level Adjustment Head Azimuth Alignment Frequency Response Test Recorder Paper Speed 3mm/sec
	MTT-652B		31.5Hz~14kHz	-24dB		
	MTT-652C		31.5Hz~18kHz	-24dB		
	MTT-752A	3180 μ s & 70 μ s	31.5Hz~10kHz	-24dB		
	MTT-752B		31.5Hz~14kHz	-24dB		
	MTT-752C		31.5Hz~18kHz	-24dB		

Alignment Series						
Title	Model	Recorded Contents				Application
		Time Constant	Frequency	Level	Minutes	
Wow & Flutter	MTT-111N	3180 μ s & 120 μ s	3kHz	-10dB	30	Tape Speed Test Wow & Flutter Test
	MTT-111NA		3kHz	-4dB	30	
	MTT-111LN		3kHz	-10dB	45	
	MTT-111LNA		3kHz	-4dB	45	
	MTT-211N		3150Hz	-10dB	30	
	MTT-211NA		3150Hz	-4dB	30	
	MTT-212N		315Hz	0dB	30	

Level	MTT-212CN	3180µs & 120µs	315Hz	-4dB	10	Level Adjustment
	MTT-112BN		1kHz	0dB	10	
	MTT-212EN		1kHz	-4dB	10	
Distortion	MTT-118N	3180µs & 120µs	1kHz	-10dB	10	Distortion Check Level Adjustment
Crosstalk	MTT-121N	3180µs & 120µs	1kHz	-10dB	10	Crosstalk Check
	MTT-141N		1kHz	-10dB	10	Crosstalk /Channel Separation Check
Azimuth	MTT-113N	3180µs & 120µs	6.3kHz	-10dB	10	Head Azimuth Alignment
	MTT-113CN		8kHz	-10dB	10	
	MTT-114N		10kHz	-10dB	10	
	MTT-114NA		12.5kHz	-24dB	10	
	MTT-114NAL		12.5kHz	-10dB	10	
	MTT-114NB		14kHz	-24dB	10	
	MTT-114NBL		14kHz	-10dB	10	
Level & Azimuth	MTT-255	3180µs & 120µs	6.3k/315Hz	-10dB	10	Level Adjustment Head Azimuth Alignment Frequency Response Check
	MTT-255B		8k/315Hz	-10dB	10	
	MTT-255C		10k/315Hz	-10dB	10	
	MTT-255G		6.3k/1kHz	-10dB	10	
	MTT-255H		8k/1kHz	-10dB	10	
	MTT-255J		10k/1kHz	-10dB	10	
	MTT-255M		12.5k/315Hz	-24dB	10	
	MTT-255Q		12.5k/1kHz	-24dB	10	
	MTT-255S		14k/315Hz	-24dB	10	
	MTT-255V		14k/1kHz	-24dB	10	
	MTT-257		6.3k/1k/125Hz	-10dB	10	
	MTT-257B		8k/1k/63Hz	-10dB	10	
	MTT-257C		8k/1k/125Hz	-10dB	10	
	MTT-257E		10k/1k/63Hz	-10dB	10	
	MTT-257G		12.5k/1k/40Hz	-10dB	10	
	MTT-257H		10k/1k/125Hz	-10dB	10	
	Frequency		MTT-257J	3180µs & 120µs	10k/1k/40Hz	
MTT-257K		12.5k/1k/63Hz	-24dB		10	
MTT-257P		14k/1k/40Hz	-24dB		10	
MTT-257L		315/10k/6.3k/63Hz	-10dB		10	
MTT-355M			12.5k/315Hz	-24dB	10	
MTT-355S			14k/315Hz	-24dB	10	
MTT-357E			10k/1k/63Hz	-24dB	10	

	MTT-357G	3180µs & 70µs	12.5k/1k/40Hz	-24dB	10	
	MTT-357K		12.5k/1k/63Hz	-24dB	10	
	MTT-357P		14k/1k/40Hz	-24dB	10	
	MTT-357L		315/10k/6.3k/63Hz	-24dB	10	
Pro.Search	MTT-457	3180µs & 120µs	400/1kHz	0/- 20dB	30	(7 + Leader Tape) Program Search Check
Frequency	MTT-25702	3180µs & 120µs	12.5k/10k/6.3k/1k/250Hz	-24dB	10	Level Adjustment
	MTT-25704		14k/8k/6.3k/1k/250Hz	-24dB	10	Head Azimuth Alignment
	MTT-25705		14k/10k/6.3k/1k/250Hz	-24dB	10	Frequency Response Check
W&F/ Level/ Azimuth/ Frequency	MTT-25706	3180µs & 120µs	12.5k+6.3k+1k+250+3kHz	-24dB	10	Tape Speed Test
	MTT-25707		12.5k+8k+1k+250+3kHz	-24dB	10	Wow & Flutter Test
	MTT-25708		14k+8k+1k+250+3kHz	-24dB	10	Level Adjustment
	MTT-25709		14k+10k+1k+250+3kHz	-24dB	10	Head Azimuth Alignment
Frequency	MTT-35702	3180µs & 70µs	12.5k/10k/6.3k/1k/250Hz	-24dB	10	Level Adjustment
	MTT-35704		14k/8k/6.3k/1k/250Hz	-24dB	10	Head Azimuth Alignment
	MTT-35705		14k/10k/6.3k/1k/250Hz	-24dB	10	Frequency Response Check
W&F/ Level/ Azimuth/ Frequency	MTT-35706	3180µs & 70µs	12.5k+6.3k+1k+250+3kHz	-24dB	10	Tape Speed Test
	MTT-35707		12.5k+8k+1k+250+3kHz	-24dB	10	Wow & Flutter Test
	MTT-35708		14k+8k+1k+250+3kHz	-24dB	10	Level Adjustment
	MTT-35709		14k+10k+1k+250+3kHz	-24dB	10	Head Azimuth Alignment

Test Tapes for Dolby N.R.System						
Title	Model	Recorded Contents				Application
		Time Constant	Frequency	Level	Minutes	
DOLBY Level	MTT-150	3180µs & 120µs	Dolby B/C/S Type Tone	200nWb/m	10	DOLBY NR (B, C, S) Level Adjustment
Alignment	MTT-15000	3180µs & 120µs	Bulk Erase	CCIR/ARM	10	Electric Noise Check
	MTT-15070	3180µs & 70µs	Bias	CCIR/ARM	10	DOLBY NR Effect Check
	MTT-15120	3180µs & 120µs	Bias	CCIR/ARM	10	
	MTT-94201		400/440	-10dB	10	Head Height Check

Mix Series						
Title	Model	Recorded Contents				Application
		Time Constant	Frequency	Level	Minutes	
	MTT-X255A		6.3k+315	- 10dB	10	

Level Azimuth	MTT-X255B	3180µs & 120µs	8k+315	- 10dB	10	Level Adjustment Head Azimuth Alignment
	MTT-X255C		10k+315	- 10dB	10	
	MTT-X255M		12.5k+315	- 10dB	10	
	MTT-X255S		14k+315	- 10dB	10	
W&F/ Azimuth	MTT-X253AS	3180µs & 120µs	6.3k+3k	- 10dB	10	Tape Speed Test Wow & Flutter Test Head Azimuth Alignment
	MTT-X253CS		8k+3k	- 10dB	10	
	MTT-X254AS		10k+3k	- 10dB	10	
	MTT-X254BS		12.5k+3k	- 24dB	10	
	MTT-X254CS		14k+3k	- 24dB	10	
Level Azimuth Frequency	MTT-X257A	3180µs & 120µs	6.3k+1k+125	- 10dB	10	Level Adjustment Head Azimuth Alignment Frequency Response Test
	MTT-X257C		8k+1k+125	- 10dB	10	
	MTT-X257E		10k+1k+63	- 10dB	10	
	MTT-X257F		10k+1k+40	- 10dB	10	
	MTT-X257H		10k+1k+125	- 10dB	10	
	MTT-X257G		12.5k+1k+40	- 24dB	10	
	MTT-X257M		12.5k+1k+63	- 24dB	10	
	MTT-X257S		14k+1k+40	- 24dB	10	
	MTT-X255AS		6.3k+315+3k	- 10dB	10	
	MTT-X255BS		8k+315+3k	- 10dB	10	
	MTT-X255BSL		8k+315+3k	- 14dB	10	
	MTT-X255CS		10k+315+3k	- 10dB	10	
	MTT-X255CSL		10k+315+3k	- 14dB	10	
	MTT-X255MS		12.5k+315+3k	- 24dB	10	

W&F/ Level/ Azimuth/ Frequency	MTT-X255MSL	3180µs & 120µs	12.5k+315+3k	- 14dB	10	Tape Speed Check Wow & Flutter Test Level Adjustment Head Azimuth Alignment Frequency Response Check	
	MTT-X255SS		14k+315+3k	- 24dB	10		
	MTT-X255GS		6.3k+1k+3k	- 10dB	10		
	MTT-X255HS		8k+1k+3k	- 10dB	10		
	MTT-X255JS		10k+1k+3k	- 10dB	10		
	MTT-X255QS		12.5k+1k+3k	- 24dB	10		
	MTT-X255VS		14k+1k+3k	- 24dB	10		
	MTT-X257AS		6.3k+1k+125+3k	- 10dB	10		
	MTT-X257CS		8k+1k+125+3k	- 10dB	10		
	MTT-X257ES		10k+1k+63+3k	- 10dB	10		
	MTT-X257HS		10k+1k+125+3k	- 10dB	10		
	MTT-X257L		10k+6.3k+63+315	- 10dB	10		
	MTT-X257MS		12.5k+1k+63+3k	- 24dB	10		
	MTT-X257GS		12.5k+1k+40+3k	- 24dB	10		
	MTT-X257PS		14k+1k+40+3k	- 24dB	10		
	MTT-X259AS		10k+6.3k+1k+315+63+3k	- 24dB	10		
	MTT-X259BS		12.5k+6.3k+1k+315+40+3k	- 24dB	10		
	MTT-X259CS		14k+6.3k+1k+315+40+3k	- 24dB	10		
	MTT-X357ES		3180µs & 70µs	10k+1k+63+3k	- 24dB		10
	MTT-X357GS			12.5k+1k+40+3k	- 24dB		10
	MTT-X253AW			6.3k+3150	- 10dB		10
	MTT-X253CW			8k+3150	- 10dB		10
	MTT-X254AW			10k+3150	- 10dB		10
					-		

MTT-X254BW	3180μs & 120μs	12.5k+3150	10dB	10
MTT-X254CW		14k+3150	- 24dB	10
MTT-X255AW		6.3k+315+3150	- 10dB	10
MTT-X255BW		8k+315+3150	- 10dB	10
MTT-X255CW		10k+315+3150	- 10dB	10
MTT-X255CWL		10k+315+3150	- 20dB	10
MTT-X255MW		12.5k+315+3150	- 24dB	10
MTT-X255MWL		12.5k+315+3150	- 20dB	10
MTT-X255SW		14k+315+3150	- 24dB	10
MTT-X257AW		6.3k+315+125+3150	- 20dB	10
MTT-X257CW		8k+315+125+3150	- 20dB	10
MTT-X257EW		10k+315+63+3150	- 20dB	10
MTT-X257GW		12.5k+315+40+3150	- 20dB	10
MTT-X257PW		14k+315+40+3150	- 20dB	10

MXT Series (Designed for high speed double decks)						
Title	Model	Recorded Contents				Application
		Time Constant	Frequency	Level	Minutes	
W&F	MXT-111	3180μs & 70μs	3kHz	0dB	15	Tape Speed / W & F Test
Level	MXT-112		315Hz	0dB	15	Level Adjustment
Frequency	MXT-116		63~14kHz	-10dB		Level Adjust Head Azimuth Align Frequency Response Check
	MXT-117	12.5k/6.3k/315Hz	-10dB	10		
	MXT-1161	63~14kHz	-10dB			
	MXT-X1171	10k+6.3k+1k+315+63	-10dB	10		

Alignment Blank Tapes				
Title	Model	Application	Specification	Remarks
	MTT-5513	Recording Response Test For IEC I(Normal)	10min Tape Thickness 18μm	
	MTT-5513M	Recording Response Test For IEC I(Normal)	30min Tape Thickness 18μm	

Alignment Blank Tape	MTT-5563	Recording Response Test For IEC II(CrO2)	10min Tape Thickness 18µm	
	MTT-5563M	Recording Response Test For IEC II(CrO2)	30min Tape Thickness 18µm	
	MTT-5572	Recording Response Test For IEC IV(Metal)	10min Tape Thickness 18µm	
	MTT-5572M	Recording Response Test For IEC IV(Metal)	30min Tape Thickness 18µm	
R/P W&F Blank Tape	MTT-5523	Recording Response Test For IEC I(Normal)	10min Tape Thickness 12µm	
	MTT-5523L	Recording Response Test For IEC I(Normal)	45min Tape Thickness 12µm	

Test Equipment				
Title	Model	Application	Specification	Remarks
Mirror Equipped	MTT-901	Tape Path/Tape Skew Test	10min Tape Thickness 18µm	
	MTT-902	Tape Path/Tape Skew Test	15min Tape Thickness 12µm	
	MTT-909	Tape Path/Tape Skew Test	20min Tape Thickness 9µm	
	MTT-901A	Tape Path/Tape Skew Test	10min Tape Thickness 18µm	Transparent shell
	MTT-902A	Tape Path/Tape Skew Test	15min Tape Thickness 12µm	Transparent shell
	MTT-909A	Tape Path/Tape Skew Test	20min Tape Thickness 9µm	Transparent shell
	MTT-901AP	Tape Path/Tape Skew Test (Pressure Pads fitted)	10min Tape Thickness 18µm	Transparent shell
	MTT-902AP	Tape Path/Tape Skew Test (Pressure Pads fitted)	15min Tape Thickness 12µm	Transparent shell
	MTT-909AP	Tape Path/Tape Skew Test (Pressure Pads fitted)	20min Tape Thickness 9µm	Transparent shell
	MTT-90801	Head (Monaural,4tr2ch,4tr4ch) Height Check	5min Leader tape with 1 scratch line	
	MTT-90802	Erase Head Height Check	5min Leader tape with 2 scratch lines	
	MTT-90803	Head (Monaural,4tr2ch,4tr4ch) Height Check	5min Leader tape with 1 black line	
	MTT-90804	4tr4ch Reverse Head Height Check	5min Leader tape with 2 black lines	
	MTT-903	Insertion, Detachment Test (thick shell)	10min Shell Thickness 8.9mm	
	MTT-903L	Quick Reverse Function Test	5sec Shell Thickness 8.9mm	Leader Tape only
	MTT-9032	Insertion, Detachment Test	10min Shell Thickness 9.0mm	
	MTT-904	Insertion, Detachment Test (thin shell)	10min Shell Thickness 8.5mm	
	MTT-906	Insertion, Detachment Test	10min Shell Depth 64.1mm	

Special Half	MTT-907	Leaf Switch/Insertion, Detachment Test	10min Shell Depth 63.5mm	
	MTT-908	MTT-907+Erase/Record Switch Test	10min Shell Depth 63.5mm	
	MTT-900WT	Tape Path Check (Weight)	10min Shell Thickness 8.7mm Weight 72g±2g	
	MTT-903WT	Insertion, Detachment Test (Weight) (thin shell)	7min Shell Thickness 8.9mm Weight 72g±2g	
	MTT-9032WT	Insertion, Detachment Test (Weight)	5min Shell Thickness 9.0mm Weight 72g±2g	
	MTT-904WT	Insertion, Detachment Test (Weight) (thin shell)	10min Shell Thickness 8.5mm Weight 72g±2g	
	MTT-907WD	Leaf Switch/Insertion, Detachment Test	3min Shell Depth 63.5mm Weight 72g±2g	

Head & Guide Gauge			
Title	Model	Application	Specification
	TTG-100	Head & Guide Mechanical Alignment	In conformance with IEC Publication 94-7

Torque Meter Series					
Title	Model	Application	Left	Right	Tape Thickness & Length
Torque Cassette	MTT-8101	Forward & Reverse Back Tension	1Nmm	1Nmm	18µm 8.6m
	MTT-8111	Forward Torque & Reverse Back Tension	1Nmm	10Nmm	18µm 8.6m
	MTT-8112	Forward Torque & Reverse Back Tension	2Nmm	10Nmm	18µm 8.6m
	MTT-8121	Reverse Torque & Back Tension	10Nmm	1Nmm	18µm 8.6m
	MTT-8131	Forward & Reverse Torque	10Nmm	10Nmm	18µm 8.6m
	MTT-8331	FWD.&REV. F.F&REW	20Nmm	20Nmm	35µm 35µm Leader Tape 3m
	MTT-8101W	Forward & Reverse Back Tension	1Nmm	1Nmm	18µm 8.6m
	MTT-8111W	Forward Torque & Reverse Back Tension	1Nmm	10Nmm	18µm 8.6m
	MTT-8121W	Forward Torque & Reverse Back Tension	10Nmm	1Nmm	18µm 8.6m
	MTT-8241	Fast Forward & Rewind Torque	10Nmm	10Nmm	Static Torque
	MTT-8242	Fast Forward & Rewind Torque	20Nmm	20Nmm	Static Torque
	MTT-8242A	Fast Forward & Rewind Torque	20Nmm	20Nmm	Static Torque
	MTT-8411	Forward Traction	200g	-	35µm 35µm Leader Tape
	MTT-8412	Forward Traction	300g	-	35µm 35µm Leader Tape
	MTT-8421	Forward Traction	-	200g	35µm 35µm Leader Tape
	MTT-8422	Forward Traction	-	300g	35µm 35µm Leader Tape

Notice

CUSTOM-MADE PRODUCT

It is our great pleasure to discuss with you the custom-made products that are exclusively suitable to your application. Please feel free to contact us at subsidiary companies or distributors.

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