



PRECISION MAGNETIC TEST TAPES



STL Test Tapes are recorded directly from precision generating equipment to provide the most accurate reference possible. An independent standards laboratory, STL provides a completely objective service, with test tapes available to major manufacturers, governments, and all who need a precision reference tool.

GENERAL DESCRIPTIONS

REPRODUCE ALIGNMENT TEST TAPES—FOR HIGHEST ACCURACY CALIBRATION—

Contains Level Set, Azimuth, and Frequency Run test sections. All tones voice announced.

PINK NOISE—For phase alignment of multi-track systems, and response check with 1/3 octave filters.†

LEVEL SET—Single Tone (see program of equivalent alignment tape for frequency).†

AZIMUTH—Single Tone (see program of equivalent alignment tape for frequency).†

FLUTTER & SPEED—A crystal-controlled frequency source recorded at low flutter and accurate speed.†

†5 minutes

Sweep and many other special-purpose test tapes can be ordered directly from our laboratory on a manufacture-to-order basis.

USE OF TAPE SELECTION CHART

Prefix Designations—Add the prefix designation listed to differentiate between Reproduce Alignment, Pink Noise, Level Set, and Azimuth. Example: C-0001-1 is a Reproduce Alignment test tape. Tapes ordered without a prefix designation will be assumed to be a Reproduce Alignment.

Reel-to-Reel—All tapes listed are full track, recorded at standardized flux levels (no fringing compensation). ¼" tapes with catalog numbers ending in "-1" can be ordered as 2 channel, ½ track (.075" / 1.91 mm tracks) by changing the "-1" to "-2". Likewise, for 2 channel, ¼ track (tracks 1 and 3), change to "-4". Example: C-0001-2 indicates 2 channel, ½ track.

Broadcast Cartridge—All tapes listed are stereo. For mono, change the "-2" to "-1". Full track tapes can be ordered for MAXTRAX® machines by changing the "-2" to "-0". Select cartridge type from list below the chart and add appropriate suffix to the catalog number. Example: C-0034-2-SC for Scotchcart.

Cassette—In high-quality screw-type cassettes. Also available on 8" NAB hub reel. Add "-R" to catalog number.

35mm Film—Full coat recorded full width of film except sprocket area.

STANDARD TAPE MANUAL

A practical tool for those who are familiar with the fundamentals of magnetic recording and simply require a quick source of reference data to "plug in" to their routine endeavors. Contains data on head losses, flux levels, azimuth determination, induction loop response, wavelength losses, head resonance, low-frequency head calibration and other useful information.

Price \$ 65

WHERE TO ORDER

Tapes in this catalog can be ordered directly from our laboratory or they can be purchased from select dealers throughout the world.

Domestic Orders—Phone for fast delivery. Terms are net, COD, FOB our laboratory. However, if check comes with order, we pay shipping costs by UPS Blue (air) where available. California orders require sales tax for your area.

Foreign Orders—For all orders to be shipped outside the USA, please add 15% to the prices listed in the catalog for shipping and handling. All shipments will be by air, best way, and insured. If insurance is not available for shipments to your area, delivery will be the buyer's responsibility. A check in US dollars drawn on a US bank for the amount indicated must accompany order.

FAX Orders—Our FAX number is 510 786-1180 and is available 24 hours. Please use our Catalog Numbers when placing an order by FAX. See "Domestic" and "Foreign" Orders for terms.

NEW ADDRESS AND TELEPHONE AS OF 12-1-92

1580 Cañada Lane, Woodside, CA 94062

(mail to P.O. Box 620045, Woodside, CA 94062-0045)

415-851-6600, Fax 415-851-5068

STANDARD TAPE LABORATORY, INC.

26120 EDEN LANDING ROAD #5, HAYWARD, CALIFORNIA 94545 U.S.A. • (510) 786-3546
FAX (510) 786-1180

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TAPE SELECTION CHART

| GENERAL SPECIFICATIONS | | | | | | |
|------------------------|----------------------|----------|-------------------------|-----------------------------|------------------|---------------------|
| SPEED IPS mm/s | EQUALIZATION µSEC | STANDARD | PRO-GRAM See Back | FREQ. RUN LEVEL dB | REFERENCE LEVEL† | |
| | | | | | FREQ. Hz | nWb/m ANSI (DIN) |

| ¼" — 6.3 mm (Cassette) — .150" (Film) | | | | | |
|---------------------------------------|------------------|---------------|--|--------------|--------------|
| CATALOG NUMBER | REPRO. ALIGN. | PINK NOISE | | LEVEL SET | AZI- MUTH |
| Prefix → | C- | P- | | L- | A- |

| ½" — 12.6 mm | | |
|-------------------|------------------|---------------|
| CATALOG NUMBER | REPRO. ALIGN. | PINK NOISE |
| Prefix → | C- | P- |

| 1" — 25.2 mm | | |
|-------------------|------------------|---------------|
| CATALOG NUMBER | REPRO. ALIGN. | PINK NOISE |
| Prefix → | C- | P- |

| 2" — 50.4 mm | |
|-------------------|------------------|
| CATALOG NUMBER | REPRO. ALIGN. |
| Prefix → | C- |

REEL TO REEL

| | | | | | | |
|--------|---------|----------|---|------|-----|-----------|
| 3¼ 95 | 3180-90 | NAB 1965 | C | -20* | 400 | 185 (200) |
| 7½ 190 | 3180-50 | NAB 1965 | B | -10 | 700 | 185 (200) |
| 7½ 190 | 3180-50 | NAB 1965 | B | -10 | 700 | 260 (280) |
| 7½ 190 | 3180-50 | NAB 1965 | A | 0 | 700 | 185 (200) |
| 15 380 | 3180-50 | NAB 1965 | A | 0 | 700 | 185 (200) |
| 15 380 | 3180-50 | NAB 1965 | A | 0 | 700 | 260 (280) |
| 30 760 | ∞-17½ | AES 1971 | A | 0 | 700 | 185 (200) |
| 30 760 | ∞-17½ | AES 1971 | A | 0 | 700 | 260 (280) |

U.S.A. STANDARDS

| | | | | | |
|--------|-------|-------|--|-------|-------|
| 0001-1 | \$ 75 | \$ 80 | | \$ 45 | \$ 45 |
| 0002-1 | \$ 70 | \$ 75 | | \$ 45 | \$ 45 |
| 3002-1 | \$ 70 | --- | | \$ 45 | --- |
| 0022-1 | \$ 70 | --- | | --- | --- |
| 0003-1 | \$ 70 | \$ 75 | | \$ 45 | \$ 45 |
| 3003-1 | \$ 70 | --- | | \$ 45 | --- |
| 0004-1 | \$ 80 | \$ 85 | | \$ 50 | \$ 50 |
| 3004-1 | \$ 80 | --- | | \$ 50 | --- |

ORIGINAL STL PROGRAMS

| | | | | | |
|------|--------|--------|--|--|--|
| 0023 | \$ 145 | \$ 145 | | | |
| 0005 | \$ 140 | \$ 140 | | | |
| 3005 | \$ 140 | --- | | | |
| --- | --- | --- | | | |
| 0006 | \$ 140 | \$ 140 | | | |
| 3006 | \$ 140 | --- | | | |
| 0007 | \$ 155 | \$ 155 | | | |
| 3007 | \$ 155 | --- | | | |
| 0024 | \$ 315 | \$ 315 | | | |
| 0008 | \$ 305 | \$ 305 | | | |
| 3008 | \$ 305 | --- | | | |
| --- | --- | --- | | | |
| 0009 | \$ 305 | \$ 305 | | | |
| 3009 | \$ 305 | --- | | | |
| 0012 | \$ 345 | \$ 345 | | | |
| 3012 | \$ 345 | --- | | | |
| --- | --- | --- | | | |
| --- | --- | --- | | | |
| --- | --- | --- | | | |

REEL TO REEL

| | | | | | | |
|--------|---------|----------|---|-----|------|-----------|
| 3¼ 95 | 3180-90 | NAB 1965 | L | -20 | 500 | 200 (215) |
| 7½ 190 | 3180-50 | NAB 1965 | K | -10 | 1000 | 200 (215) |
| 7½ 190 | 3180-50 | NAB 1965 | K | -10 | 1000 | 250 (270) |
| 15 380 | 3180-50 | NAB 1965 | K | 0 | 1000 | 200 (215) |
| 15 380 | 3180-50 | NAB 1965 | K | 0 | 1000 | 250 (270) |
| 30 760 | ∞-17½ | AES 1971 | K | 0 | 1000 | 200 (215) |
| 30 760 | ∞-17½ | AES 1971 | K | 0 | 1000 | 250 (270) |

U.S.A. STANDARDS

| | | | | | |
|--------|-------|-------|--|-------|-----|
| 0101-1 | \$ 75 | \$ 80 | | \$ 45 | --- |
| 0102-1 | \$ 70 | \$ 75 | | \$ 45 | --- |
| 2102-1 | \$ 70 | --- | | \$ 45 | --- |
| 0103-1 | \$ 70 | \$ 75 | | \$ 45 | --- |
| 2103-1 | \$ 70 | --- | | \$ 45 | --- |
| 0104-1 | \$ 80 | \$ 85 | | \$ 50 | --- |
| 2104-1 | \$ 80 | --- | | \$ 50 | --- |

INTERNATIONAL TEST FREQUENCIES

| | | | | | |
|------|--------|--------|--|--|--|
| 0123 | \$ 145 | \$ 145 | | | |
| 0105 | \$ 140 | \$ 140 | | | |
| 2105 | \$ 140 | --- | | | |
| 0106 | \$ 140 | \$ 140 | | | |
| 2106 | \$ 140 | --- | | | |
| 0107 | \$ 155 | \$ 155 | | | |
| 2107 | \$ 155 | --- | | | |
| 0124 | \$ 315 | \$ 315 | | | |
| 0108 | \$ 305 | \$ 305 | | | |
| 2108 | \$ 305 | --- | | | |
| 0109 | \$ 305 | \$ 305 | | | |
| 2109 | \$ 305 | --- | | | |
| 0112 | \$ 345 | \$ 345 | | | |
| 2112 | \$ 345 | --- | | | |
| --- | --- | --- | | | |
| --- | --- | --- | | | |

REEL TO REEL

| | | | | | | |
|--------|---------|----------|---|-----|------|-----------|
| 3¼ 95 | 3180-90 | IEC 1971 | L | -20 | 500 | 230 (250) |
| 7½ 190 | ∞-70 | IEC 1971 | K | -10 | 1000 | 230 (250) |
| 7½ 190 | ∞-70 | IEC 1971 | K | -10 | 1000 | 295 (320) |
| 15 380 | ∞-35 | IEC 1971 | K | -10 | 1000 | 230 (250) |
| 15 380 | ∞-35 | IEC 1971 | K | -10 | 1000 | 295 (320) |
| 30 760 | ∞-17½ | IEC 1971 | K | 0 | 1000 | 295 (320) |

INTERNATIONAL STANDARDS

| | | | | | |
|------|-------|-------|--|-------|-----|
| 2201 | \$ 75 | \$ 80 | | \$ 45 | --- |
| 2202 | \$ 70 | --- | | \$ 45 | --- |
| 4202 | \$ 70 | \$ 75 | | \$ 45 | --- |
| 2203 | \$ 70 | --- | | \$ 45 | --- |
| 4203 | \$ 70 | \$ 75 | | \$ 45 | --- |
| 4204 | \$ 80 | \$ 85 | | \$ 50 | --- |

THESE TEST TAPES COMPLY WITH STANDARDS ESTABLISHED BY IEC, DIN, and CCIR.

| | | | | | |
|------|--------|--------|--|--|--|
| 2223 | \$ 145 | \$ 145 | | | |
| 2205 | \$ 140 | \$ 140 | | | |
| 4205 | \$ 140 | --- | | | |
| 2206 | \$ 140 | \$ 140 | | | |
| 4206 | \$ 140 | --- | | | |
| 4207 | \$ 155 | \$ 155 | | | |
| 2224 | \$ 315 | \$ 315 | | | |
| 2208 | \$ 305 | \$ 305 | | | |
| 4208 | \$ 305 | --- | | | |
| 2209 | \$ 305 | \$ 305 | | | |
| 4209 | \$ 305 | --- | | | |
| 4212 | \$ 345 | \$ 345 | | | |
| --- | --- | --- | | | |
| --- | --- | --- | | | |

BROADCAST CARTRIDGE†


| | | | | | | |
|--------|------|----------|---|-----|------|-----------|
| 7½ 190 | ∞-50 | NAB 1976 | E | -10 | 1000 | 160 (175) |
| 7½ 190 | ∞-50 | NAB 1976 | J | 0 | 1000 | 250 (270) |
| 7½ 190 | ∞-70 | IEC 1971 | E | -10 | 1000 | 160 (175) |
| 7½ 190 | ∞-70 | IEC 1971 | J | 0 | 1000 | 250 (270) |

Cue Track Test Tapes—see back page.

U.S.A. or INTERNATIONAL STANDARDS

| | | | | | |
|--------|-------|-------|--|-------|-------|
| 0034-2 | \$ 85 | \$ 90 | | \$ 55 | \$ 60 |
| 4039-2 | \$ 90 | --- | | \$ 55 | --- |
| 0234-2 | \$ 85 | --- | | \$ 55 | --- |
| 4239-2 | \$ 90 | --- | | \$ 55 | --- |
| --- | --- | --- | | --- | --- |

CASSETTE**

| | | | | | | |
|---------|----------|---|---|-----|-----|-----------|
| 1⅞ 47.5 | 3180-120 | IEC 1981 | H | -20 | 315 | 145 (160) |
| 1⅞ 47.5 | 3180-70 | IEC 1981 | H | -20 | 315 | 145 (160) |
| 1⅞ 47.5 | |  DOLBY SYSTEM® Level | | | 400 | 200 (215) |

INTERNATIONAL STANDARDS

| | | | | | |
|------|-------|-------|--|-------|-------|
| 0086 | \$ 95 | \$105 | | \$ 50 | \$ 65 |
| 0087 | \$ 95 | \$105 | | --- | --- |
| 3028 | --- | --- | | \$ 50 | --- |

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35MM FILM

| | | | | | | |
|--------|------|-------|---|---|------|-----------|
| 18 457 | ∞-35 | SMPTE | M | 0 | 1000 | 185 (200) |
|--------|------|-------|---|---|------|-----------|

24 Frames—.005" Polyester—Full Coat—Full Track

U.S.A. STANDARDS

| | | | | | |
|------|-------|-------|--|-------|-------|
| 0090 | \$420 | \$280 | | \$280 | \$280 |
| | 600' | 400' | | 400' | 400' |

3150 Hz. FLUTTER/SPEED TEST TAPES All Formats

REEL TO REEL—Flutter less than .03% RMS. Speed better than 0.1% at 74°F & 4 oz.

| SPEED (IPS) (mm/s) | ¼" TAPE (6.3 mm) | | ½" TAPE (12.6 mm) | | 1" TAPE (25.2 mm) | |
|-----------------------|------------------|------------|-------------------|------------|-------------------|------------|
| | CAT. NO. | PRICE (\$) | CAT. NO. | PRICE (\$) | CAT. NO. | PRICE (\$) |
| 3¼ 95 | X-1251 | 65 | X-1351 | 95 | X-1451 | 170 |
| 7½ 190 | X-1252 | 70 | X-1352 | 105 | X-1452 | 185 |
| 15 380 | X-1253 | 75 | X-1353 | 115 | X-1453 | 200 |
| 30 760 | X-1254 | 80 | X-1354 | 125 | X-1454 | 215 |

BROADCAST CARTRIDGE—7½ IPS (190 mm/s)†. Catalog number X-1235. Price \$80.

35MM FILM—18 IPS (457 mm/s). Catalog number X-0090. Price \$280.

CASSETTE—1⅞ IPS (47.5 mm/s)** Catalog number X-1129. Price \$65.
5 minute recording, flutter less than .05% RMS—Speed accuracy 0.15% at 74°F.

*-10 on ¼" tapes.

**In high-quality screw-type cassette. Also available on 8" reel—NAB center: add -R to catalog number and \$5.00 to price.

†Specify the cartridge desired by adding the suffix indicated below to the catalog number:

-AP (A2 Audiopak), -AF (AA 4 Audiopak), -FI (Fidelipac 350), -MA (Mastercart), -SC (I.T.C. Cart).

‡ANSI (DIN)—U.S. vs. European (DIN and IEC) methods of measurement result in level discrepancies listed.

Example: 185 nWb/m ANSI = 200 nWb/m DIN or IEC.



STANDARD TAPE LABORATORY, INC.

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REPRODUCE ALIGNMENT PROGRAMS

| A | | | | B | | | | C | | | | D | | | E | | |
|-------|-----------|-------|----|-------|-----------|-------|-----|-------|-----------|-------|----|-------|------|----|-------|------|-----|
| Hz | SEC. | | dB | Hz | SEC. | | dB | Hz | SEC. | | dB | Hz | SEC. | dB | Hz | SEC. | dB |
| | 1/4"-1/2" | 1"-2" | | | 1/4"-1/2" | 1"-2" | | | 1/4"-1/2" | 1"-2" | | | | | | | |
| 15000 | 30 | 60 | 0 | 15000 | 30 | 60 | -10 | 10000 | 30 | 60 | † | 1000 | 60 | 0 | 1000 | 20 | 0 |
| 700 | 20 | 40 | 0 | 700 | 20 | 40 | -10 | 400 | 20 | 40 | † | 10000 | 60 | 0 | 1000 | 10 | -10 |
| 15000 | 30 | 60 | 0 | 15000 | 30 | 60 | -10 | 15000 | 30 | 60 | † | 1000 | 30 | 0 | 12500 | 30 | -10 |
| 12000 | 12 | 24 | 0 | 12000 | 12 | 24 | -10 | 12000 | 12 | 24 | † | 10000 | 30 | 0 | 50 | 5 | -10 |
| 10000 | 12 | 24 | 0 | 10000 | 12 | 24 | -10 | 10000 | 12 | 24 | † | 63 | 10 | 0 | 63 | 5 | -10 |
| 7500 | 12 | 24 | 0 | 7500 | 12 | 24 | -10 | 7500 | 12 | 24 | † | 125 | 10 | 0 | 125 | 5 | -10 |
| 5000 | 12 | 24 | 0 | 5000 | 12 | 24 | -10 | 5000 | 12 | 24 | † | 250 | 10 | 0 | 250 | 5 | -10 |
| 2500 | 12 | 24 | 0 | 2500 | 12 | 24 | -10 | 2500 | 12 | 24 | † | 500 | 10 | 0 | 500 | 5 | -10 |
| 1000 | 12 | 24 | 0 | 1000 | 12 | 24 | -10 | 1000 | 12 | 24 | † | 1000 | 10 | 0 | 1000 | 5 | -10 |
| 500 | 12 | 24 | 0 | 500 | 12 | 24 | -10 | 500 | 12 | 24 | † | 2000 | 10 | 0 | 2000 | 5 | -10 |
| 250 | 12 | 24 | 0 | 250 | 12 | 24 | -10 | 250 | 12 | 24 | † | 4000 | 10 | 0 | 4000 | 5 | -10 |
| 100 | 12 | 24 | 0 | 100 | 12 | 24 | -10 | 100 | 12 | 24 | † | 8000 | 10 | 0 | 8000 | 5 | -10 |
| 50 | 12 | 24 | 0 | 50 | 12 | 24 | -10 | 50 | 12 | 24 | † | 10000 | 10 | 0 | 10000 | 5 | -10 |
| 30 | 12 | 24 | 0 | 700 | 20 | 40 | 0 | 400 | 20 | 40 | 0 | 12500 | 10 | 0 | 12500 | 5 | -10 |
| | | | | | | | | | | | | 16000 | 10 | 0 | 16000 | 5 | -10 |
| | | | | | | | | | | | | 1000 | 60 | 0 | 1000 | 20 | 0 |

| H | | | J | | | K | | | | L | | | | M | | | | | | |
|-------|------|------|-----|----------------------|-------|------|----|-------|------|-------|----|----|-------|----|----|----|------|-------|------|---|
| Hz | SEC. | | dB | Hz | SEC. | | dB | Hz | SEC. | | dB | Hz | SEC. | | dB | Hz | SEC. | dB | | |
| | 1/4" | 1/2" | | | 1"-2" | 1/4" | | | 1/2" | 1"-2" | | | | | | | | | | |
| 315 | 30 | 0 | 0 | 1000 | 15 | 0 | 0 | 1000 | 30 | 40 | 60 | 0 | 500 | 30 | 40 | 60 | 0 | 1000 | 30 | 0 |
| 6300 | 30 | -20 | -20 | 32 | 15 | 0 | 0 | 4000 | 10 | 12 | 20 | 0 | 500 | 10 | 12 | 20 | -10 | 16000 | 30 | 0 |
| 12500 | 30 | -20 | -20 | 50 | 15 | 0 | 0 | 8000 | 15 | 20 | 30 | 0 | 6300 | 15 | 20 | 30 | -10 | Pink | } 30 | — |
| 315 | 10 | -20 | -20 | 12500 | 15 | 0 | 0 | 16000 | 20 | 25 | 40 | 0 | 12500 | 20 | 25 | 40 | -10 | Noise | | |
| 32 | 10 | -20 | -20 | 16000 | 15 | 0 | 0 | 1000 | 10 | 12 | 20 | † | 500 | 10 | 12 | 20 | † | 1000 | 10 | 0 |
| 40 | 10 | -20 | -20 | 32 | 5 | 0 | 0 | 32 | 10 | 12 | 20 | † | 32 | 10 | 12 | 20 | † | 32 | 10 | 0 |
| 63 | 10 | -20 | -20 | 50 | 5 | 0 | 0 | 40 | 10 | 12 | 20 | † | 40 | 10 | 12 | 20 | † | 40 | 10 | 0 |
| 100 | 10 | -20 | -20 | 100 | 5 | 0 | 0 | 63 | 10 | 12 | 20 | † | 63 | 10 | 12 | 20 | † | 50 | 10 | 0 |
| 125 | 10 | -20 | -20 | 250 | 5 | 0 | 0 | 100 | 10 | 12 | 20 | † | 100 | 10 | 12 | 20 | † | 80 | 10 | 0 |
| 250 | 10 | -20 | -20 | 500 | 5 | 0 | 0 | 125 | 10 | 12 | 20 | † | 125 | 10 | 12 | 20 | † | 100 | 10 | 0 |
| 500 | 10 | -20 | -20 | 1000 | 5 | 0 | 0 | 250 | 10 | 12 | 20 | † | 250 | 10 | 12 | 20 | † | 160 | 10 | 0 |
| 1000 | 10 | -20 | -20 | 2000 | 5 | 0 | 0 | 500 | 10 | 12 | 20 | † | 500 | 10 | 12 | 20 | † | 400 | 10 | 0 |
| 2000 | 10 | -20 | -20 | 4000 | 5 | 0 | 0 | 1000 | 10 | 12 | 20 | † | 1000 | 10 | 12 | 20 | † | 1000 | 10 | 0 |
| 4000 | 10 | -20 | -20 | 8000 | 5 | 0 | 0 | 2000 | 10 | 12 | 20 | † | 2000 | 10 | 12 | 20 | † | 2500 | 10 | 0 |
| 6300 | 10 | -20 | -20 | 10000 | 5 | 0 | 0 | 4000 | 10 | 12 | 20 | † | 4000 | 10 | 12 | 20 | † | 4000 | 10 | 0 |
| 8000 | 10 | -20 | -20 | 12500 | 5 | 0 | 0 | 8000 | 10 | 12 | 20 | † | 8000 | 10 | 12 | 20 | † | 6300 | 10 | 0 |
| 10000 | 10 | -20 | -20 | 16000 | 5 | 0 | 0 | 10000 | 10 | 12 | 20 | † | 10000 | 10 | 12 | 20 | † | 8000 | 10 | 0 |
| 12500 | 10 | -20 | -20 | 1000 | 15 | 0 | 0 | 12500 | 12 | 15 | 25 | † | 12500 | 10 | 15 | 25 | † | 10000 | 10 | 0 |
| 14000 | 10 | -20 | -20 | 1000 | 15 | -4 | 0 | 16000 | 12 | 15 | 25 | † | 14000 | 10 | 15 | 25 | † | 12500 | 10 | 0 |
| 16000 | 10 | -20 | -20 | 0 dB=250 nWb/m ANSI, | | | 0 | 20000 | 12 | 15 | 25 | † | 16000 | 10 | 15 | 25 | † | 16000 | 30 | 0 |
| 18000 | 10 | -20 | -20 | -4=160 | | | 0 | 1000 | 12 | 15 | 25 | † | 500 | 10 | 15 | 25 | † | 1000 | 10 | 0 |

†Frequency run level specified on tape selection chart.

BROADCAST CARTRIDGE CUE TONE TEST TAPES—Standard 7½ IPS Speed. These tapes provide 10 second test tones for threshold sensitivity, standard level and maximum level. Similar test sequences are recorded for primary, secondary, and tertiary tones.

Catalog #L-0096 is for NAB Format machines Price \$ 80

Catalog #L-0097 is for MAXTRAX® Format machines..... Price \$ 80

Also available for fast checking of Standard NAB Cue Levels only, Catalog #L-0095 provides repeating sequences of 500 ms. bursts of primary, secondary, and tertiary tones.

Catalog #L-0095 Price \$ 90

Please add appropriate suffix for cartridge desired. See list of available cartridges on previous page.

If You Didn't Get This From My Site,
Then It Was Stolen From...

November 1, 1991



STANDARD TAPE LABORATORY, INC.

26120 EDEN LANDING ROAD #5, HAYWARD, CALIFORNIA 94545 • (510) 786-3546
FAX (510) 786-1180

TEST TAPES FOR SOUND TECHNOLOGY TAPE RECORDER TEST SYSTEM

These test tapes are available only by direct purchase from Standard Tape Laboratory, Inc. within the USA. Please order by calling the above telephone number or by sending your purchase order to the above address. If your order is accompanied by your check we will pay UPS shipping charges in the continental USA. Please include appropriate sales tax if you are in California. If payment does not come with the order, we will ship by UPS COD in which case the shipping charges and COD fee will be collected from you on delivery.

AVAILABLE TEST TAPES

AZIMUTH: Simultaneous four frequency recording.

FREQUENCY RESPONSE: 20kHz to 20Hz recording on reel-to-reel except 3 3/4 ips which is 15kHz to 20Hz. Cartridge, Cassette, and 35MM film is 16kHz to 20Hz.

LEVEL: Most popular levels and level set frequencies are listed. For other levels and frequencies refer to our general catalog or call us. Level set frequency for all reel-to-reel tapes listed is 1kHz except 3 3/4 ips tapes which is 500Hz.

FLUTTER & SPEED: A crystal controlled frequency source recorded at low flutter, and accurate speed. Please refer to our general catalog for listings and add the Prefix Letter "T" to the catalog number when ordering.

NOTE: All 1/4" tapes are approx. 4 min. long; 1/2" TW tapes are approx. 6 min.; 1" and 2" TW tapes are approx. 8 min.; TL and TA 1/2", 1", and 2" tapes are 4 min.; cassette level tapes are approx. 1 min.; other cassette tapes are approx. 5 min.

BROADCAST CARTRIDGE, NAB, 7 1/2 IPS

| TRACK FORMAT | AZIMUTH | | FREQUENCY RESPONSE | | LEVEL | | | |
|-----------------|------------|-------|--------------------|-------|----------------|-------|----------------|-------|
| | P/N* | Price | P/N* | Price | 160 nWb/m ANSI | | 250 nWb/m ANSI | |
| | | | | | P/N* | Price | P/N* | Price |
| Stereo | TA-0034-2- | \$ 60 | TW-0034-2- | \$ 90 | TL-0034-2- | \$ 55 | TL-4039-2- | \$ 55 |
| Mono | TA-0034-1- | 60 | TW-0034-1- | 90 | TL-0034-1- | 55 | TL-4039-1- | 55 |
| Full | TA-0034-0- | 60 | TW-0034-0- | 90 | TL-0034-0- | 55 | TL-4039-0- | 55 |

CASSETTE, IEC, 1 7/8 IPS

| EQ Time Constant | AZIMUTH | | FREQ. RESP. | | LEVEL, 160 nWb/m DIN | |
|---------------------|---------|-------|-------------|-------|----------------------|-------|
| | P/N | Price | P/N | Price | P/N | Price |
| 3180-120 | TA-0086 | \$ 65 | TW-0086 | \$105 | TL-0086 | \$ 50 |
| 3180-70 | | | TW-0087 | 105 | | |

FULL TRACK, FULL COAT, 35MM FILM, 24 Frames, .005 Polyester, 400'

| AZIMUTH | | FREQUENCY RESPONSE | | LEVEL 185 nWb/m ANSI | |
|---------|-------|--------------------|-------|----------------------|-------|
| P/N | Price | P/N | Price | P/N | Price |
| TA-0090 | \$280 | TW-0090 | \$280 | TL/0090 | \$280 |

*Specify the cartridge desired by adding the suffix indicated below to the catalog number: -AP (A2 Audiopak), -AF (AA4 Audiopak), -FI (Fidelipac 350), -MA (Mastercart), -SC (Scotchcart).

Continued on reverse side

REEL TO REEL, NAB, (30 IPS, AES)

| TAPE WIDTH | SPEED IPS | AZIMUTH | | FREQ. RESP. | | LEVEL 200 nWb/m ANSI | | LEVEL 250 nWb/m ANSI | |
|------------|-----------|---------|-------|-------------|-------|----------------------|-------|----------------------|-------|
| | | P/N | Price | P/N | Price | P/N | Price | P/N | Price |
| 1/4" | 3 3/4 | TA-0001 | \$ 45 | TW-0101-1 | \$ 80 | TL-0101-1 | \$ 45 | | |
| | 7 1/2 | TA-0002 | 45 | TW-0102-1 | 75 | TL-0102-1 | 45 | TL-2102-1 | \$ 45 |
| | 15 | TA-0003 | 45 | TW-0103-1 | 75 | TL-0103-1 | 45 | TL-2103-1 | 45 |
| | 30 | TA-0004 | 50 | TW-0104-1 | 80 | TL-0104-1 | 50 | TL-2104-1 | 50 |
| 1/2" | 3 3/4 | TA-0023 | 80 | TW-0123 | 145 | TL-0123 | 80 | | |
| | 7 1/2 | TA-0005 | 80 | TW-0105 | 140 | TL-0105 | 80 | TL-2105 | 80 |
| | 15 | TA-0006 | 80 | TW-0106 | 140 | TL-0106 | 80 | TL-2106 | 80 |
| | 30 | TA-0007 | 90 | TW-0107 | 145 | TL-0107 | 90 | TL-2107 | 90 |
| 1" | 3 3/4 | TA-0024 | 120 | TW-0124 | 315 | TL-0124 | 120 | | |
| | 7 1/2 | TA-0008 | 120 | TW-0108 | 305 | TL-0108 | 120 | TL-2108 | 120 |
| | 15 | TA-0009 | 120 | TW-0109 | 305 | TL-0109 | 120 | TL-2109 | 120 |
| | 30 | TA-0012 | 130 | TW-0112 | 315 | TL-0112 | 130 | TL-2112 | 130 |
| 2" | 7 1/2 | TA-0019 | 250 | TW-0119 | 580 | TL-0119 | 250 | TL-2119 | 250 |
| | 15 | TA-0020 | 250 | TW-0120 | 580 | TL-0120 | 250 | TL-2120 | 250 |
| | 30 | TA-0021 | 270 | TW-0121 | 650 | TL-0121 | 270 | TL-2121 | 270 |

REEL TO REEL, IEC

| TAPE WIDTH | SPEED IPS | AZIMUTH | | FREQ. RESP. | | LEVEL 320 nWb/m DIN | | LEVEL 250 nWb/m DIN | |
|------------|-----------|---------|-------|-------------|-------|---------------------|-------|---------------------|-------|
| | | P/N | Price | P/N | Price | P/N | Price | P/N | Price |
| 1/4" | 3 3/4 | TA-0001 | \$ 45 | TW-2201 | \$ 80 | | | TL-2201 | \$ 45 |
| | 7 1/2 | TA-0002 | 45 | TW-4202 | 75 | TL-4202 | \$ 45 | TL-2202 | 45 |
| | 15 | TA-0003 | 45 | TW-4203 | 75 | TL-4203 | 45 | TL-2203 | 45 |
| | 30 | TA-0004 | 50 | TW-4204 | 80 | TL-4204 | 50 | TL-2204 | 50 |
| 1/2" | 3 3/4 | TA-0023 | 80 | TW-2223 | 145 | TL-4223 | 80 | TL-2223 | 80 |
| | 7 1/2 | TA-0005 | 80 | TW-4205 | 140 | TL-4205 | 80 | TL-2205 | 80 |
| | 15 | TA-0006 | 80 | TW-4206 | 140 | TL-4206 | 80 | TL-2206 | 80 |
| | 30 | TA-0007 | 90 | TW-4207 | 145 | TL-4207 | 90 | TL-2207 | 90 |
| 1" | 3 3/4 | TA-0024 | 120 | TW-4224 | 315 | TL-4224 | 120 | TL-2224 | 120 |
| | 7 1/2 | TA-0008 | 120 | TW-4208 | 305 | TL-4208 | 120 | TL-2208 | 120 |
| | 15 | TA-0009 | 120 | TW-4209 | 305 | TL-4209 | 120 | TL-2209 | 120 |
| | 30 | TA-0012 | 130 | TW-4212 | 315 | TL-4212 | 130 | TL-2212 | 130 |
| 2" | 7 1/2 | TA-0019 | 250 | TW-4219 | 580 | TL-4219 | 250 | TL-2219 | 250 |
| | 15 | TA-0020 | 250 | TW-4220 | 580 | TL-4220 | 250 | TL-2220 | 250 |
| | 30 | TA-0021 | 270 | TW-4221 | 650 | TL-4221 | 270 | TL-2221 | 270 |

All tapes listed are full track, recorded at standardized flux levels (no fringing compensation). 1/4" tapes with catalog numbers ending in "-1" can be ordered as 2 channel, 1/2 track (.075"/1.91 mm tracks) by changing the "-1" to "-2". Likewise, for 2 channel, 1/4 track (tracks 1 and 3), change to "-4". Example: TW-0101-2 indicates 2 channel, 1/2 track.