



AR Speaker Specifications for North America through 1998
Updated 20dec15 - Chronological Order

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| MODEL | INTRO | DISC | SERIAL NO | WOOFER | LOWER MID | MID | TYPE | TWEETER | TYPE | FREQ RESP (Approximate) | SPL | XOVER | POWER (Min-Max) | OHMS (Min-Nom) | SIZE | WT | PRICE Each, unless noted |
|----------------------------------|-------|------|-----------|--------|-----------|--------|------|---------|------|-------------------------|---------|-------------|-----------------|----------------|---------------|----------|--------------------------|
| Original Models 1954-1974 | | | | | | | | | | | | | | | | | |
| AR-1/1U | 1954 | 1962 | | 12" | - | - | - | 8" | Cone | 31-13k +/-5db | - | 1000hz | 30- w | 4 ohms | 25x14x11.38 | 45 lbs | \$172-185.00 |
| AR-1W | 1954 | 1971 | | 12" | - | - | - | - | - | 38-1k +/- 1.5 db | - | - | 25-w | 4 ohms | 25x14x11.38 | 43 lbs | \$132-154.00 |
| AR-1x | 19 | 1969 | | 12" | - | - | - | 2.5" | Cone | 31-20k? | - | 1200hz? | 25-w | 4 ohms | 25x14x11.38 | 42.5 lbs | \$194 |
| AR-2 | 1957 | 1964 | | 10" | - | - | - | 2x5" | Cone | 42-14k +/--3db | - | 2000hz | 20- w | 8 ohms | 24x11.5x13.5 | 32.0 lbs | \$89-111.00 |
| AR-3 | 1958 | 1971 | | 12" | - | 2" | Dome | 1.375" | Dome | 31-20k +/--5db | 85 db | 1000/7500hz | 25- w | 4 ohms | 25x14x11 | 52.5 lbs | \$203-216.00 |
| AR-3T | 1959 | 1969 | | - | - | 2" | Cone | 1.375" | Dome | 1k-20k | - | 1000hz? | - | 4 ohms | 7.88x14x6.75 | 8.0 lbs | \$87-96.00 |
| AR-3ST-1 (AR-1) | 19 | 19 | | - | - | - | - | 1.375" | Dome | 7.5k-20k | - | 7500hz | - | 4 ohms ? | 6.5x11.5x5.13 | 8.0 lbs | \$32-38.00 |
| AR-3ST-2 (AR-2) | 19 | 19 | | - | - | - | - | 1.375" | Dome | 7.5k-20k | - | 7500hz | - | 8 ohms | 6.5x11.5x5.13 | 8.0 lbs | \$32-38.00 |
| AR-2A | 1959 | 1969 | | 10" | - | 2x5" | Cone | 1.375" | Dome | 42-20k +/- 5db | - | 2000/7500hz | 20- w | 8 ohms | 13.5x11.5x24 | 36 lbs | \$109-128.00 |
| AR-2X "early" | 1964 | 1970 | 0-20000 | 10" | - | - | - | 3.5" | Cone | 42-15k +/- 2.5db | - | 2000hz | 20- w | 8 ohms | 24x11.5x13.5 | 33.0 lbs | \$89-102.00 |
| AR-4 | 1964 | 1965 | | 8" | - | - | - | 3.5" | Cone | 48-20k +/- 2.5db | 85 db | 1200hz | 15- w | 8 ohms | 19x10x9 | 16 lbs | \$51-57.00 |
| AR-2AX "early" | 1964 | 1970 | | 10" | - | 3.5" | Cone | 1.375" | Dome | 42-20k +/--2.5db | 86 db | 2000/7500hz | 20-100 w | 8 ohms | 13.5x24x11.5 | 36.5 lbs | \$109-122.00 |
| AR-4X | 1965 | 1973 | | 8" | - | - | - | 2.5" | Cone | 48-20k +/- 2.5db | - | 1200hz | 15- w | 8 ohms | 19x9x10 | 18.5 lbs | \$57-63.00 |
| AR-3A | 1967 | 1976 | | 12" | - | 1.5" | Dome | .75" | Dome | 32-20k +/--2db | 86 db | 525/5000hz | 25-100 w | 4 ohms | 25x14x11.38 | 53 lbs | \$225-250.00 |
| AR-5 | 1968 | 1976 | | 10" | - | 1.5" | Dome | .75" | Dome | 38-20k | 86 db | 650/5000hz | 20-100 w | 8 ohms | 13.5x24x11.5 | 39.0 lbs | \$156-175.00 |
| AR-2X "late" | 1970 | 1973 | 20001- | 10" | - | - | - | 2.5" | Cone | - | - | 1200hz | - | 8 ohms | 13.5x24x11.5 | 33.0 lbs | \$89-102.00 |
| AR-2AX "late" | 1970 | 1976 | | 10" | - | 3.5" | Cone | .75" | Dome | 42-20k +/- 2.5db | - | 1400/5000hz | 20-100 w | 8 ohms | 13.5x24x11.5 | 36.5 lbs | \$109-128.00 |
| AR-6 | 1970 | 1976 | | 8" | - | - | - | 1.25" | Cone | 48-20k +/- 2.5db | 86 db | 1800hz | 20-100 w | 8 ohms | 12x19.5x7 | 20.0 lbs | \$72-81.00 |
| AR-LST | 1971 | 1976 | | 12" | - | 4x1.5" | Dome | 4x.75" | Dome | 36-20k +/- 2.5db | 89.5 db | 525/5000hz | - | 4-16 ohms | 27x20x9.75 | 90.0 lbs | \$600.00 |
| AR-4XA | 1973 | 1976 | | 8" | - | - | - | 1.25" | Cone | 48-20k +/- 2.5db | 86 db | 1600hz | -100 w | 8 ohms | 10x19x9 | 18.5 lbs | \$79.00 |
| AR-7 | 1973 | 1976 | | 8" | - | - | - | 1.25" | Cone | 65-15k +/- 2db | 86 db | 2000hz | 15-100 w | 8 ohms | 9.75x15.7x6 | 11.0 lbs | \$75.00 |
| AR-8 | 1973 | 1974 | | 10" | - | - | - | 1.25" | Cone | 48-20k +/- 2.5db | - | 1800hz | 15- w | 8 ohms | 13.5x24x11.5 | 32.0 lbs | \$119.00 |
| AR-LST/2 | 1974 | 1975 | | 10" | - | 3x1.5" | Dome | 3x.75" | Dome | 42-20k +/- 2db | - | 650/5000hz | - | 8-16 ohms | 25.5x18.5x9.7 | 60.0 lbs | \$400.00 |
| pi One | 1974 | 1975 | | 12" | - | 1.5" | Dome | .75" | Dome | - | - | - | - | - | 14x25x11 | 56.0 lbs | \$329.00 |
| MODEL | INTRO | DISC | SERIAL NO | WOOFER | LOWER MID | MID | TYPE | TWEETER | TYPE | FREQ RESP (Approximate) | SPL | XOVER | POWER (Min-Max) | OHMS (Min-Nom) | SIZE | WT | PRICE Each, unless noted |

ADD Series 1975-1978

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|-----------------|------|------|--|-----|---|-------|------|---------|----------|-----------------|-------|------------------|----------|----------|---------------|----------|-------------|
| AR-MST/1 | 1975 | | | 8" | - | - | - | 3x1.25" | Cone | 48- 20k | 86 db | 2-1.6khz, 1-5khz | 25-150 w | 8 ohms | 14.38x21x7.75 | 25.0 lbs | \$159.00 |
| AR-10 pi | 1977 | 1979 | | 12" | - | 1.5" | Dome | .75" | Dome | 34-25K | 86 db | 525/5000hz | 25-150 w | 4-8 ohms | 14x25x11 | 55.0 lbs | \$425.00 |
| AR-11 | 1977 | 1979 | | 12" | - | 1.5" | Dome | .75" | Dome | 27-30K | 86 db | 525/5000hz | 25-225 w | 4 ohms | 14x25x11 | 50.0 lbs | \$325.00 |
| AR-12 | 1977 | 1979 | | 10" | - | 2.25" | Cone | .75" | Dome | 44-30K, +/- 3db | 86 db | 700/4000hz | 25-100 w | 8 ohms | 14x25x11 | 37.5 lbs | \$225.00 |
| AR-14 | 1976 | 1979 | | 10" | - | - | - | 1" | Dome | 44-25K, +/- 3db | 86 db | 1300hz | 15-100 w | 8 ohms | 14x25x11 | 35.0 lbs | \$160.00 |
| AR-15 | 1977 | 1979 | | 8" | - | - | - | 1" | Dome | 40-25K | 85 db | 1700hz | 10-60 w | 8 ohms | 12x21.5x8 | 24.0 lbs | \$130.00 |
| AR-16 | 1977 | 1977 | | 8" | - | - | - | 1" | Dome | - | 85 db | 1300hz | 25-100 w | 8 ohms | 9x19x8 | 21.0 lbs | \$95-115.00 |
| AR-17 | 1977 | 1979 | | 8" | - | - | - | 1.25" | Pressure | 43-25K | 86 db | 2000hz | 10-60w | 8 ohms | 10x18.5x9 | 17.0 lbs | \$95.00 |
| AR-18 | 1977 | 1982 | | 8" | - | - | - | 1.25" | Pressure | 48-25K | 86 db | 2000hz | 10-60 w | 8 ohms | 10x16.5x6 | 13.5 lbs | \$70.00 |

AR9 Series 1979-1981

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|---------------|------|------|--|-------|----|------|-----------|-------|------|----------------|-------|-----------------|----------|--------|---------------|-----------|----------|
| AR-9 | 1978 | 1982 | | 2x12" | 8" | 1.5" | Cone/Dome | .75" | Dome | 28-30K +/- 3db | 87 db | 200/1200/7000hz | 15-400 w | 3.2-4 | 52.75x15x15 | 130.0 lbs | \$900.00 |
| AR-25 | 1979 | 1982 | | 8" | - | - | - | 1.25" | Cone | 48-22K | 86 db | 2000hz | - | - | 11.75x21.5x7 | 24.0 lbs | \$240.00 |
| AR-90 | 1979 | 1982 | | 2x10" | 8" | 1.5" | Cone/Dome | .75" | Dome | 32-25K +/- 3db | 87 db | 200/1200/7000hz | 15-300 w | 3.2-4 | 43.38x14.5x1_ | 75.0 lbs | \$700.00 |
| AR-91 | 1979 | 1982 | | 12" | - | 1.5" | Dome | .75" | Dome | 35-25K +/- 3db | 87 db | 700/7500hz | 15-200 w | 3.2-4 | 31.5x14x11.5 | 53.0 lbs | \$425.00 |
| AR-92 | 1979 | 1982 | | 10" | - | 1.5" | Dome | .75" | Dome | 44-25K +/- 3db | 87 db | 700/7500hz | 15-200 w | 3.2-4 | 31.5x14x11.5 | 46.0 lbs | \$325.00 |
| AR-93 | 1980 | 1982 | | 2x8" | - | 8" | Cone | 1.25" | Cone | 44-22K +/- 3db | 87 db | 350/2000hz | 15-125 w | 6 ohms | 30.63x14x10. | 50.0 lbs | \$260.00 |
| AR-94 | 1980 | 1982 | | 8" | - | 8" | Cone | 1.25" | Cone | 44-22k +/- 3db | 87 db | 350/2000hz | 15-125 w | 6 ohms | 30.6x14x10 | 43.0 lbs | \$220.00 |
| AR-18s | 1981 | 1983 | | 8" | - | - | - | 1.25" | Cone | 62-22k +/- 3db | 88 db | 2000hz | 15-100 w | 8 ohms | 16.5x9x6.5 | 13.0 lbs | \$99.00 |
| AR-28s | 1981 | 1983 | | 8" | - | - | - | 1" | Dome | 50-24k +/- 3db | 87 db | 2000hz | 15-100 w | 6 ohms | 22x12x8 | 24.0 lbs | \$130.00 |
| AR-38s | 1981 | 1983 | | 10" | - | - | - | 1.25" | Cone | 45-22k +/- 3db | 88 db | 2000hz | 15-100 w | 8 ohms | 24x13.5x11 | 31.5 lbs | \$160.00 |
| AR-48s | 1981 | 1983 | | 10" | - | 4" | Cone | 1" | Dome | 45-24k +/- 3db | 87 db | 400/2500hz | 15-100 w | 6 ohms | 25x14x11 | 38.0 lbs | \$210.00 |
| AR-58s | 1981 | 1983 | | 12" | - | 1.5" | Dome | .75" | Dome | 37-25k +/- 3db | 87 db | 700/7500hz | 15-200 w | 4 ohms | 27x14x11 | 52.0 lbs | |

Post-Classic Series 1981-1987

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|-----------------------|--------------|-------------|------------------|---------------|------------------|------------|-------------|----------------|-------------|--------------------------------|------------|-----------------|------------------------|-----------------------|--------------|-----------|---------------------------------|
| 1MS | 1982 | 1985 | | 5.25" | - | - | - | .75" | Dome | 95-25k | 85 db | - | - | - | 8x5x5 | 4.5 lbs | \$130.00 |
| AR-93s | 1982 | 1983 | | 2x8" | - | 8" | Cone | 1.25" | Cone | 44-22k | 87 db | 350/2000hz | 15-125 w | 4.5-6 | 31x14x11 | 50.0 lbs | \$270.00 |
| MODEL | INTRO | DISC | SERIAL NO | WOOFER | LOWER MID | MID | TYPE | TWEETER | TYPE | FREQ RESP (Approximate) | SPL | XOVER | POWER (Min-Max) | OHMS (Min-Nom) | SIZE | WT | PRICE Each, unless noted |
| AR-94s | 1982 | 1983 | | 8" | - | 8" | Cone | 1.25" | Cone | 44-22k | 87 db | 350/2000hz | 15-125 w | 5-6 ohms | 31x14x11 | 43.0 lbs | \$230.00 |
| AR-98LS | 1982 | 1985 | | 12" | - | 8"/1.5" | Cone/Dome | .75" | Dome | 39-32k, +/- 3db | 87 db | 200/1100/5500hz | 15-250 w | 3-4 ohms | 29.5x15.5x10 | 63.0 lbs | \$450.00 |
| AR-9LS | 1982 | 1985 | | 10"/12" | - | 8" | Cone/Dome | .75" | Dome | 28-32k, +/- 3db | 87 db | 200/2300/5500hz | 25-400 w | 3.2-4 | 52x18.5x14.5 | 118.0 lbs | \$750.00 |
| AR-18B | 1983 | 1985 | | 8" | - | - | - | 1.25" | Dome | 62-22k, +/- 3db | 88 db | 2000hz | 10-100 w | 8 ohms | 17x11x6 | 17.0 lbs | \$252.00 |
| AR-28B | 1983 | 1985 | | 8" | - | - | - | 1.25" | Dome | 52-22k, +/- 3db | 88 db | 5000hz | 10-100 w | 8 ohms | 20x11x7 | 21.0 lbs | \$330.00 |
| AR-58B | 1983 | 1985 | | 12" | - | 4" | Cone | .75" | Dome | 39-32k, +/- 3db | 87 db | 600/4500hz | 20-175 w | 3.6-4 | 27x15x11 | 49.0 lbs | \$700.00 |
| AR-78LS | 1983 | 1985 | | 12" | - | 1.5" | - | .75" | Dome | 39-32k, +/- 3db | 87 db | 400/5000hz | 25-200 w | 3.6-4 | 27x15x12 | 60.0 lbs | \$900.00 |
| AR-8B | 1983 | 1985 | | 6" | - | - | - | 1.25" | Cone | 74-22k, +/- 3db | 88 db | 5000hz | 10-75 w | 8 ohms | 15x10x6 | 12.0 lbs | \$192.00 |
| AR-38B | 1984 | 1985 | | 10" | - | - | - | 1" | Dome | 42-22k, +/- 3db | 88 db | 650/3500hz | 10-100 w | 4.5-6 | 23x14x11 | 29.0 lbs | \$430.00 |
| AR-48B | 1984 | 1985 | | 10" | - | 4" | Cone | .75" | Dome | 45-32k, +/- 3db | 87 db | 400/3500hz | 10-150 w | 4.5-6 | 26x14x11 | 39.5 lbs | \$550.00 |
| Connoisseur 30 | 1984 | 1984 | | 10" | - | - | - | 1" | Dome | 46-22k, +/- 3db | 88 db | 1800hz | 10-100 w | 8 ohms | 29x13.5x9 | 34.5 lbs | - |
| AR-18BX | 1985 | 1986 | | 8" | - | - | - | 1" | Dome | 52-25k | 87 db | - | - | - | 17x11x8 | 17.5 lbs | \$260.00 |
| AR-28BX | 1985 | 1986 | | 8" | - | - | - | 1" | Dome | 42-22k | 89 db | - | - | - | 27x13x10 | 35.0 lbs | \$400.00 |

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|--------------|--------------|-------------|------------------|---------------|------------------|------------|-------------|----------------|-------------|--------------------------------|------------|--------------|------------------------|-----------------------|-------------|-----------|---------------------------------|
| AR-38BX | 1985 | 1986 | | 8" | - | 4" | Cone | .75" | Dome | 52-32k | 88 db | - | - | - | 22x13x7 | 27.5 lbs | \$440.00 |
| AR-48BX | 1985 | 1986 | | 10" | - | 4" | Cone | .75" | Dome | 45-32k | 88 db | - | - | - | 27x13x10 | 38.5 lbs | \$570.00 |
| AR-58BX | 1985 | 1986 | | 12" | - | 4" | Cone | .75" | Dome | 39-32k | 90 db | - | - | - | 30x14x10 | 48.5 lbs | \$720.00 |
| AR-8BX | 1985 | 1986 | | 6" | - | - | - | 1" | Dome | 62-25k | 87 db | - | - | - | 15x10x7 | 14.5 lbs | \$200.00 |
| AR-98LSi | 1985 | 1987 | | 12" | - | 8"/1.5" | Cone/Dome | .75" | Dome | 39-32k | 87 db | - | - | - | 30x16x10 | 63.0 lbs | \$625.00 |
| AR-9LSi | 1985 | 1987 | | 12"/10" | - | -8"/1.5" | Cone/Dome | .75" | Dome | 28-32k | 87 db | - | - | - | 51x19x15 | 120.0 lbs | \$1000.00 |
| AR-18BXi | 1986 | 1987 | | 8" | - | - | - | 1" | Dome | 52-22k | 87 db | - | - | - | 17x10x8 | 18.0 lbs | \$140.00 |
| MODEL | INTRO | DISC | SERIAL NO | WOOFER | LOWER MID | MID | TYPE | TWEETER | TYPE | FREQ RESP (Approximate) | SPL | XOVER | POWER (Min-Max) | OHMS (Min-Nom) | SIZE | WT | PRICE Each, unless noted |
| AR-25BXi | 1986 | 1987 | | 8" | - | - | - | 1" | Dome | 49-22k | 87 db | - | - | - | 20x10x8 | 22.0 lbs | \$180.00 |
| AR-28BXi | 1986 | 1987 | | 10" | - | - | - | 1" | Dome | 42-22k | 89 db | - | - | - | 27x13x10 | 35.0 lbs | \$210.00 |
| AR-38BXi | 1986 | 1987 | | 8" | - | 4" | Cone | .75" | Dome | 52-32k | 86 db | - | - | - | 22x13x7 | 28.0 lbs | \$235.00 |
| AR-48BXi | 1986 | 1987 | | 10" | - | 4" | Cone | .75" | Dome | 45-32k | 88 db | - | - | - | 27x13x9 | 38.0 lbs | \$300.00 |
| AR-58BXi | 1986 | 1987 | | 12" | - | 4" | Cone | .75" | Dome | 39-32k | 85 db | - | - | - | 30x13x10 | 48.0 lbs | \$380.00 |
| AR-8BXi | 1986 | 1987 | | 6.5" | - | - | - | 1" | Cone/Dome | 64-25k | 88 db | - | - | - | 15x9x7 | 15.0 lbs | \$100.00 |

Connoisseur Series 1985-1988

| | | | | | | | | | | | | | | | | | |
|-----------------|------|------|--|-------|---|------|------|----|---------------|-----------------|-------|------------|----------|--------|----------|----------|-------------|
| Connoisseur 19 | 1986 | 1988 | | 6.5" | - | - | - | 1" | Dome | 65-22k, +/- 3db | 88 db | 5000hz | 10-75 w | 8 ohms | 16x10x7 | 15.0 lbs | \$160.00 |
| Connoisseur 20 | 1986 | 1988 | | 8" | - | - | - | 1" | Dome | 57-22K, +/- 3db | 88 db | 4000hz | 10-100 w | 6 ohms | 18x11x8 | 19.0 lbs | \$210.00 |
| Connoisseur 40 | 1986 | 1988 | | 10" | - | 6.5" | Cone | 1" | Dome | 41-22K | 88 db | 200/5000hz | 15-150 w | 6 ohms | 27x13x14 | 43.0 lbs | \$500.00 |
| Connoisseur 50 | 1986 | 1988 | | 12" | - | 6.5" | Cone | 1" | Dome | 37-32K | 90 db | 300/2500hz | 20-200 w | 4 ohms | 32x14x13 | 78.0 lbs | \$700.00 |
| Connoisseur Sub | 1986 | 1988 | | 2x10" | - | - | - | - | - | 31-100 | 85 db | 90hz | 15-200 w | 4 ohms | 16x31x18 | 70.0 lbs | \$500.00/pr |
| Connoisseur 35T | 1986 | 1988 | | 6.5" | - | - | - | 1" | Dome | 65-22k, +/- 3db | 88 db | 5000hz | 10-75 w | 8 ohms | 16x10x7 | 15.0 lbs | \$160.00 |
| Connoisseur 40T | 1986 | 1988 | | 10" | - | 6.5" | Cone | 1" | Titanium Dome | 41-22K | 88 db | 200/5000hz | 15-150 w | 6 ohms | 27x13x14 | 43.0 lbs | \$500.00 |
| Connoisseur 50T | 1986 | 1988 | | 12" | - | 6.5" | Cone | 1" | Titanium Dome | 37-32K | 90 db | 300/2500hz | 20-200 w | 4 ohms | 32x14x13 | 78.0 lbs | \$700.00 |

MGC-1 and MGC-2 1986-1988

| | | | | | | | | | | | | | | | | | |
|-------|------|------|--|------|---|-----------|-------|---------|-------|-----------------|-------|-----------------|----------|-------|----------|-----------|--------------|
| MGC-1 | 1986 | 1987 | | 2x8" | - | 2x4"/6" | Cones | .75"/1" | Domes | 39-32K, +/- 3db | 85 db | 200/1100/5300hz | 25-250 w | 3.2-4 | 52x26x16 | 150.0 lbs | \$3600.00/pr |
| MGC-2 | 1986 | 1987 | | 12" | - | 2x4"/6.5" | Cones | 1" | Dome | 35-32K, +/- 3db | 85 db | 250/3500hz | 25-200 w | 3.2-4 | 44x17x12 | 80.0 lbs | \$2000.00/pr |
| MGC-1 | 1987 | 1988 | | 2x8" | - | 2x4"/6" | Cones | .75"/1" | Domes | 39-32K | 85 db | - | - | - | 52x26x16 | 150.0 lbs | \$3800.00/pr |
| MGC-2 | 1987 | 1988 | | 12" | - | 2x4"/6.5" | Cones | 1" | Dome | 39-27K | 85 db | - | - | - | 45x17x12 | 100.0 lbs | \$2000.00/pr |

TSW Series 1987-1990

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|--------------|--------------|-------------|------------------|---------------|------------------|------------|-------------|----------------|-------------|--------------------------------|------------|----------------|------------------------|-----------------------|-------------|-----------|---------------------------------|
| TSW-100 | 1987 | 1988 | | 6.5" | - | - | - | 1" | Dome | 72-25K, +/- 3db | 89 db | 6000hz | 10-50 w | 6-8 ohms | 14x10x8 | 12.0 lbs | \$225.00 |
| TSW-110 | 1987 | 1989 | | 6.5" | - | - | - | .75" | Dome | 68-40K, +/- 3db | 88 db | 5000hz | 10-75 w | 5-8 ohms | 15x10x8 | 14.0 lbs | \$280.00 |
| TSW-210 | 1987 | 1989 | | 8" | - | - | - | .75" | Dome | 54-40K, +/- 3db | 87 db | 5000hz | 10-100 w | 6-8 ohms | 17x10x8 | 15.0 lbs | \$380.00 |
| TSW-310 | 1987 | 1989 | | 10" | - | - | - | .75" | Dome | 45-40K, +/- 3db | 89 db | 3800hz | 10-100 w | 4-6 ohms | 28x12x12 | 35.5 lbs | \$540.00 |
| TSW-410 | 1987 | 1989 | | 8" | - | 6.5" | Cone | .75" | Dome | 46-40K, +/- 3db | 86 db | 450/3800hz | 10-100 w | 3-4 ohms | 24x12x12 | 30.5 lbs | \$550.00 |
| TSW-510 | 1987 | 1989 | | 10" | - | 6.5" | Cone | .75" | Dome | 44-40K, +/- 3db | 87 db | 700/5000hz | 15-150 w | 3.6-4 | 30x14x13 | 49.0 lbs | \$800.00 |
| MODEL | INTRO | DISC | SERIAL NO | WOOFER | LOWER MID | MID | TYPE | TWEETER | TYPE | FREQ RESP (Approximate) | SPL | XOVER | POWER (Min-Max) | OHMS (Min-Nom) | SIZE | WT | PRICE Each, unless noted |
| TSW-610 | 1987 | 1989 | | 12" | - | 6.5" | Cone | .75" | Dome | 40-40K, +/- 3db | 87 db | 700/5000hz | 15-175 w | 3.6-4 | 33x14x13 | 57.0 lbs | \$1000.00 |
| TSW-810 | 1987 | 1989 | | 2x10" | - | 2x6.5" | Cone | 1" | Dome | 33-32K, +/- 3db | 87 db | 350/4000hz | 25-250 w | 2.6-4 | 42x16x19 | 95.0 lbs | \$1930.00 |
| TSW-910 | 1987 | 1989 | | 2x12" | 8" | 2x6.5" | Cone | 1" | Dome | 28-32K, +/- 3db | 87 db | 200/550/5500hz | 35-400 w | 3.2-4 | 53x16x19 | 140.0 lbs | \$2200.00 |
| STC-660 | 1988 | 1991 | | 6" | - | 4" | Cone | .75" | Dome | - | - | - | - | - | 3 pieces | - | \$849.00 |

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|---|--------------|-------------|------------------|---------------|------------------|------------|-------------|----------------|-------------|--------------------------------|------------|--------------|------------------------|-----------------------|-------------|-----------|---------------------------------|
| TSW-115P | 1988 | 1989 | | 4" | - | - | - | .75" | Dome | - | - | - | - | - | 11x7x7 | 11.0 lbs | \$400.00 |
| TSW-315 | 1988 | 1989 | | 2x6.5" | - | - | - | .75" | Dome | 48-40K | 89 db | - | - | - | 23x12x12 | 30.5 lbs | \$550.00 |
| TSW-710 | 1988 | 1989 | | 2x8" | - | 6.5" | Cone | .75" | Dome | 40-40K | 90 db | - | - | - | 39x14x13 | 46.0 lbs | \$1300.00 |
| SPIRIT 112 | 1989 | 1991 | | 8" | - | - | - | 1" | Dome/Cone | 85-25K | 90 db | - | - | - | 14x8x7 | 9.5 lbs | \$289.00 |
| SPIRIT 122 | 1989 | 1991 | | 6" | - | - | - | 1" | Dome/Cone | 85-25K | 90 db | - | - | - | 15x8x9 | 11.5 lbs | \$349.90 |
| SPIRIT 132 | 1989 | 1991 | | 8" | - | - | - | 1" | Dome | 55-22K | 90 db | - | - | - | 18x9x10 | 16.0 lbs | \$499.90 |
| SPIRIT 142 | 1989 | 1991 | | 8" | - | 6" | Cone | 1" | Dome/Cone | 52-25K | 90 db | - | - | - | 26x9x11 | 23.5 lbs | \$799.90 |
| SPIRIT 162 | 1989 | 1991 | | 2x8" | - | 6" | Cone | 1" | Dome | 45-22K | 91 db | - | - | - | 37x9x14 | 43.5 lbs | \$1199.90 |
| TSW-110A | 1989 | 1991 | | 6.5" | - | - | - | .75" | Dome | 58-40K | 88 db | - | - | - | 15x10x8 | 14.0 lbs | \$280.00 |
| TSW-115PA | 1989 | 1990 | | 4" | - | - | - | .75" | Dome | - | - | - | - | - | 11x7x7 | 11.0 lbs | \$400.00 |
| TSW-210A | 1989 | 1991 | | 8" | - | - | - | .75" | Dome | 54-40K | 87 db | - | - | - | 17x10x8 | 15.0 lbs | \$380.00 |
| TSW-310A | 1989 | 1990 | | 10" | - | - | - | .75" | Dome | 45-40K | 89 db | - | - | - | 28x12x12 | 35.5 lbs | \$549.00 |
| TSW-315A | 1989 | 1990 | | 2x6.5" | - | - | - | .75" | Dome | 48-40K | 89 db | - | - | - | 23x12x12 | 30.5 lbs | \$550.00 |
| TSW-410A | 1989 | 1991 | | 8" | - | 6.5" | Cone | .75" | Dome | 46-40K | 86 db | - | - | - | 24x12x12 | 30.5 lbs | \$600.00 |
| TSW-415A | 1989 | 1990 | | 8" | - | - | - | .75" | Dome | 44-40K | 90.5 db | - | - | - | 30x12x12 | 31.5 lbs | \$360.00 |
| MODEL | INTRO | DISC | SERIAL NO | WOOFER | LOWER MID | MID | TYPE | TWEETER | TYPE | FREQ RESP (Approximate) | SPL | XOVER | POWER (Min-Max) | OHMS (Min-Nom) | SIZE | WT | PRICE Each, unless noted |
| TSW-510A | 1989 | 1991 | | 10" | - | 6.5" | Cone | .75" | Dome | 44-40k | 87 db | - | - | - | 30x14x13 | 49.0 lbs | \$800.00 |
| TSW-610A | 1989 | 1991 | | 12" | - | 6.5" | Cone | .75" | Dome | 40-40k | 87 db | - | - | - | 33x14x13 | 57.0 lbs | \$1000.00 |
| TSW-710A | 1989 | 1991 | | 2x8" | - | 6.5" | Cone | .75" | Dome | 40-40k | 90 db | - | - | - | 39x14x13 | 48.0 lbs | \$1200.00 |
| TSW-810A | 1989 | 1990 | | 2x10" | - | 2x6.5" | Cone | 1" | Dome | 33-32k | 87 db | - | - | - | 42x16x19 | 95.0 lbs | \$1900.00 |
| TSW-910A | 1989 | 1991 | | 2x12" | - | 8" | Cone | 1" | Dome | 28-32k | 87 db | - | - | - | 53x16x19 | 140.0 lbs | \$2200.00 |
| AR-102 | 1990 | 1991 | | 6.5" | - | - | - | 1" | Dome | - | 88 db | - | - | - | 12x7x6 | 6.5 lbs | \$200.00 |
| SPIRIT 152 | 1990 | 1991 | | 8" | - | 6" | Cone | 1" | Dome | 55-22k | 89 db | - | - | - | 17x9x10 | 19.5 lbs | \$950.00 |
| Holographic Series 1990-1991 | | | | | | | | | | | | | | | | | |
| M1 | 1991 | 1994 | | 6" | - | - | - | .75" | Dome | 65-20k, +/- 3db | 88 db | 3600hz | 10-100 w | 4-8 ohms | 11x8x12 | 10.5 lbs | \$230.00 |
| M2 | 1991 | 1994 | | 8" | - | - | - | .75" | Dome | 58-20k, +/- 3db | 90 db | 3600hz | 10-125 w | 4-8 ohms | 16x9x14 | 17.0 lbs | \$300.00 |
| M3 | 1991 | 1993 | | 8" | - | 2.5" | Cone | .5" | Dome | 53-23k, +/- 3db | 89 db | 1200/7000hz | 20-125 w | 4-8 ohms | 9x15x22 | 23.5 lbs | \$399.90 |
| M4 | 1991 | 1994 | | 6" | - | 6" | Cone | .75" | Dome | 50-20k, +/- 3db | 88 db | 100/3600hz | 20-150 w | 4-8 ohms | 29x8x15 | 26.0 lbs | \$500.00 |
| M5 | 1991 | 1993 | | 8" | - | 5.25" | Cone | .75" | Dome | 48-20k, +/- 3db | 90 db | 150/3400hz | 20-175 w | 4-8 ohms | 8x10x36 | 37.5 lbs | \$1079.90 |
| M6 | 1991 | 1993 | | 2x8" | - | 5.25" | Cone | .75" | Dome | 42-20k, +/- 3db | 90 db | 150/3400hz | 20-200 w | 4-8 ohms | 8x10x42 | 742.0 lbs | \$1399.90 |
| TSW-110B | 1991 | 1992 | | 6.5" | - | - | - | .75" | Dome | 68-40k | 88 db | - | - | - | 15x10x8 | 14.0 lbs | \$280.00 |
| TSW-210B | 1991 | 1992 | | 8" | - | - | - | .75" | Dome | 54-40k | 87 db | - | - | - | 17x10x8 | 15.0 lbs | \$380.00 |
| TSW-310B | 1991 | 1992 | | 10" | - | - | - | .75" | Dome | 45-40k | 90 db | - | - | - | 28x13x12 | 70.0 lbs | \$500.00 |
| TSW-410B | 1991 | 1992 | | 8" | - | 6.5" | Cone | .75" | Dome | 46-40k | 88 db | - | - | - | 24x12x12 | 30.5 lbs | \$600.00 |
| TSW-510B | 1991 | 1992 | | 10" | - | 6.5" | Cone | .75" | Dome | 44-40k | 87 db | - | - | - | 30x14x13 | 49.0 lbs | \$800.00 |
| TSW-610B | 1991 | 1992 | | 12" | - | 6.5" | Cone | .75" | Dome | 40-40k | 87 db | - | - | - | 33x14x13 | 57.0 lbs | \$1000.00 |
| ATHENA | 1992 | 1994 | | 8" | - | 2x3.5" | Cone | 2x.75" | Dome | 48-20k | 89 db | - | - | - | 3 pieces | 40.0 lbs | \$599.00 |
| MODEL | INTRO | DISC | SERIAL NO | WOOFER | LOWER MID | MID | TYPE | TWEETER | TYPE | FREQ RESP (Approximate) | SPL | XOVER | POWER (Min-Max) | OHMS (Min-Nom) | SIZE | WT | PRICE Each, unless noted |
| Classic and Limited Series 1992-1994 | | | | | | | | | | | | | | | | | |
| CLASSIC 10 | 1992 | 1993 | | 2x5" | - | - | - | 1" | Dome | 40-20k | 89 db | - | - | - | 8x10x36 | 40.0 lbs | \$1200.00 |

| | | | | | | | | | | | | | | | | | |
|---------------------------|------|------|--|-------|---|------|-------|------|------|-------------------|-------|------------|--------|--------|----------|-----------|-----------|
| CLASSIC-10 | 1992 | 1994 | | 2x5" | - | " | " | 1" | Dome | 40-20k | 89 db | - | - | - | 8x11x20 | 40.0 lbs | \$1200.00 |
| CLASSIC-18 | 1992 | 1994 | | 8" | - | 2x5" | Cone | 1" | Dome | 42-20k, +/- 3db | 88 db | 200/2000hz | - | 4 ohms | 10x13x36 | 63.0 lbs | \$1300.00 |
| CLASSIC-26 | 1992 | 1994 | | 2x8" | - | 2x5" | Cone | 1" | Dome | 40-20k, +/- 3db | 88 db | 200/2000hz | - | 4 ohms | 10x13x46 | 76.0 lbs | \$1800.00 |
| CLASSIC-30 | 1992 | 1994 | | 2x10" | - | 2x5" | Cone | 1" | Dome | 38-20k, +/- 3db | 88 db | 200/2000hz | - | 4 ohms | 11x15x52 | 153.0 lbs | \$2200.00 |
| AR Limited Model 3 | 1992 | - | | 12" | - | 2x3" | Domes | 1" | Dome | 38-20k, +/- 2.5db | 88 db | 300/2500hz | -800 w | 4 ohms | 49x13x13 | 85.0 lbs | \$8875.00 |
| M.5 | 1992 | 1994 | | 5.25" | - | - | - | .5" | Dome | 68-23k | 88 db | - | - | - | 6x9x7 | 7.5 lbs | \$200.00 |
| M4.5 | 1992 | 1994 | | 8" | - | 8" | Cone | .75" | Dome | 47-23k | 88 db | - | - | - | 36x9x12 | 37.5 lbs | \$700.00 |
| MC.1 | 1992 | 1994 | | 4" | - | - | - | .75" | Dome | 80-20k | 87 db | - | - | - | 5x7x18 | 11.0 lbs | \$150.00 |
| CLASSIC-12 | 1993 | 1994 | | 2x6" | - | - | - | 1" | Dome | 46-20k, +/- 3db | 88 db | 2000hz | - | 4 ohms | 9x11x3_ | 50.0 lbs | \$1000.00 |
| CLASSIC-5 | 1993 | 1994 | | 5" | - | - | - | 1" | Dome | 60-20k | 88 db | - | - | - | 7x9x14 | 13.5 lbs | \$300.00 |
| CLASSIC-6 | 1993 | 1994 | | 6" | - | - | - | 1" | Dome | 55-20k | 88 db | - | - | - | 9x11x19 | 21.5 lbs | \$350.00 |
| CLASSIC-8 | 1993 | 1994 | | 8" | - | - | - | 1" | Dome | 50-20k | 88 db | - | - | - | 10x13x22 | 30.0 lbs | \$450.00 |

AR303 Series 1995-1998

| | | | | | | | | | | | | | | | | | |
|----------------|--------------|-------------|------------------|---------------|------------------|------------|-------------|----------------|-------------|--------------------------------|------------|--------------|------------------------|-----------------------|-----------------|-----------|---------------------------------|
| AR302T | 1995 | 1998 | | 10" | - | 1.5" | Dome | .75" | Dome | 32-20k, +/- 3db | 85 db | 650/5500hz | 35-250 w | 4-6 ohms | 36x11x13 | 47.0 lbs | - |
| AR338T | 1995 | 1998 | | 8" | - | 1.5" | Dome | .75" | Dome | 47-20k, +/- 3db | 86 db | 900/6000hz | 35-150 w | 4-8 ohms | 32x9x11 | 38.0 lbs | - |
| AR208V | 1995 | 1998 | | 5.25" | - | - | - | .75" | Dome | 75-20k, +/- 3db | 86 db | 3000hz | 10-75 w | 6-8 ohms | 10.66x7.25x5.63 | 6.5 lbs | - |
| AR218V | 1995 | 1998 | | 6.5" | - | - | - | .75" | Dome | 55-20k, +/- 3db | 86 db | 3000hz | 15-125 w | 4-8 ohms | 13x8.25x8.25 | 13.5 lbs | - |
| AR228 | 1995 | 1998 | | 8" | - | - | - | .75" | Dome | 49-20k, +/- 3db | 86 db | 2500hz | 30/125 w | 4-8 ohms | 17.5x10.38x9 | 20.5 lbs | - |
| AR338 | 1995 | 1998 | | 8" | - | 1.5" | Dome | .75" | Dome | 49-20k, +/- 3db | 86 db | 90/6000hz | 35-150 w | 4-8 ohms | 19x10.34x9 | 23.0 lbs | - |
| AR302 | 1995 | 1998 | | 10" | - | 1.5" | Dome | .75" | Dome | 35-20k, +/- 3db | 85 db | 650/5500hz | 35-250 w | 4-6 ohms | 24x13x10.5 | 37.0 lbs | - |
| AR303 | 1995 | 1998 | | 12" | - | 1.5" | Dome | .75" | Dome | 32-20k, +/- 3db | 85 db | 650/5500hz | 50-250 w | 4-6 ohms | 25x14.75x11.19 | 54.0 lbs | - |
| ARSW30 | 1995 | 1998 | | 12" | - | - | - | - | - | 30-selectable | 85 db | 50-200hz | - | - | 16x16x16 | 49.0 lbs | - |
| AR205VC | 1995 | 1998 | | 2x5.25" | - | - | - | 1" | Dome | 65-21k, +/- 3db | 91 db | 2400hz | 30-120 w | 4-8 ohms | 6.75x23.5x8.75 | 18.0 lbs | - |
| AR303A | 1995 | 1998 | | 12" | - | 1.5" | Dome | .75" | Dome | 32-20k, +/- 3db | 85 db | 650/5500hz | 50-250 w | 4-6 ohms | 25x14.75x11.19 | 54.0 lbs | - |
| MODEL | INTRO | DISC | SERIAL NO | WOOFER | LOWER MID | MID | TYPE | TWEETER | TYPE | FREQ RESP (Approximate) | SPL | XOVER | POWER (Min-Max) | OHMS (Min-Nom) | SIZE | WT | PRICE Each, unless noted |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

*Some models were not sold in North America (3a Improved, 6BX, 8BX, etc)

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