

| Feature | Talking House | TransAm AM2000 | Procaster | RangeMaster |
|--|--|--|--|--|
| Range | Good with outdoor antenna accessory | Good | Good | Best |
| Enclosure | Indoor unit | Metal box, subject to permanent bending and warping. | Metal box | Fiberglass thick wall enclosure, will flex under stress. |
| Frequency base | PLL, more stable because it is an indoor unit. Frequency still can vary quite a bit though. PLL oscillators also tend to vary frequency under heavy modulation. | PLL, your frequency can vary by 100 Hz and more with the outdoor temperature changes. PLL oscillators also tend to vary frequency under heavy modulation. | PLL, your frequency can vary by 100 Hz and more with the outdoor temperature changes. PLL oscillators also tend to vary frequency under heavy modulation. | Crystal controlled and very stable, even under heavy modulation load. |
| Power set system | Unknown | Adjustment (we feel it is better to have control of the power) | An automatic system that does not allow full legal power | Adjustment (we feel it is better to have control of the power) Easy to set! Just look for the "Green light" |
| Meter | Unknown | Yes | Yes | Needs external meter, supplied if needed. |
| 1710 capable | No | No | No | Yes |
| Multiple Transmitters | PLL transmitters shouldn't be used for "zerobeating" multiple transmitters, they tend not to be stable enough. You will hear the difference in frequency as a tone | PLL transmitters shouldn't be used for "zerobeating" multiple transmitters, they tend not to be stable enough. You will hear the difference in frequency as a tone | N/A | Multiple Transmitters possible with several methods, zerobeat, GPS and direct digital link option where the actual RF carriers are linked and phased together. |
| Asymmetrical Modulation Capable | No | No | No | Yes |
| Lightning Protection | Unknown | Unknown | Yes | Yes |
| Accessories | Has built in digital player, use caution with outdoor antenna accessory, it may not comply with Part 15 laws. | Includes wire and standard 102" CB whip antenna | Studio Interface, power supply, antenna, connecting wire, user manual | Includes studio interface, power supply, manual, power set and tuning computer and video. Available options are: good quality recommended wire (#22 shielded 100') \$50 (in comparison 1000' of cat 3 wire is \$40), AM1000br mount bracket for poles |
| Advantages | Indoor model | Adequate unit for local area coverage | Adequate unit for local area coverage | Great Range, Very stable frequency base (crystal). Power is adjusted by you so you know you have full power. Asymmetrical Modulation can make the unit sound like a 1KW station. The only transmitter to use if you are thinking about a multiple transmitter system. When you work with RangeMaster you are working with a design team. We design products for many companies, including aircraft radios, cell phone products, and other wireless products. |
| Disadvantages | Made in China | Metal box can warp over time, can get less range on the lower frequencies. Can have problems with some grounding situations. Unshielded, cheap wire leads to lightning damage and interference and poor performance. | Can get less range on the lower frequencies. Can have problems with some grounding situations. Unshielded, cheap wire leads to lightning damage and interference and poor performance. Typically will only provide 90% of the allowed legal power. | This is not the unit for you if you are just looking to sell a house and broadcast to a car sitting at the curb. |